

Whole Life Cycle Carbon Assessment

Woolley Colliery Road, Darton, Barnsley

Stroma Reference: 07-24-C522 WLC1

Date: 24/09/2024

Prepared for: Gleeson Homes

1. Executive Summary

This Whole Life-Cycle Carbon Statement has been produced on behalf of Gleesons for the proposed housing development at Woolley Colliery Road, Darton, Barnsley

This report has been prepared in line with the guidance given in the RICS Professional Statement Whole Life Carbon Assessment for the Built Environment 2017 and the LETI Embodied Carbon Reporting guidance. Results have been reported and the whole life carbon emissions compared against industry standard best practice benchmark levels taken from the LETI institute and Greater London Authority Guidance. These benchmarks are shown in the table below. The estimated embodied carbon emissions for the relevant modules from the assessment are below both the the best practice industry benchmark levels and the aspirational benchmark levels.

1.1. Results Summary

Assessment Scope	Baseline Emissions (kgCO₂e)
Upfront Carbon Emissions A1-A5 modules (excluding sequestration)	4,922,059
Life Cycle Carbon Modules B-C (excluding B6 & B7)	2,267,221
Life Cycle Emissions A-C (excluding B6 & B7, including sequestration)	6,668,180
Life Cycle Emissions for all Modules	10,438,910

Table 1. LCA Results Total Emissions

Module	Current Average Design (LETI Guidance) kg CO ₂ e/m2	GLA Best Practice benchmark kg CO ₂ e/m2	GLA Aspirational benchmark kg CO2e/m2	Actual WLC kgCO2e/m2
A1-A5 (excluding sequestration)	<850	<850	<500	486
B-C (excluding B6 & B7)	No benchmark available	<350	<300	224
A-C (excluding B6 & B7, including sequestration)	<1200	<1200	<800	659
All Modules	No benchmark available	No benchmark available	No benchmark available	1,031

Table 2. Actual Emissions kgCO2e/m2

Contents

1. EXE	CUTIVE SUMMARY	2
1.1.	RESULTS SUMMARY	3
2. QUA	LITY MANAGEMENT	5
_	ELOPMENT	
4. ASS	ESSMENT CRITERIA	8
4.1. 4.2.	BARNSLEY METROPOLITAN LOCAL PLAN REQUIREMENTS	
4.3. 4.4.	ASSESSMENT SOFTWAREOPERATIONAL CARBON EMISSIONS	10 10
4.5. 4.6.	EMBODIED CARBON ASSESSMENT AND END-OF-LIFE EMISSIONS	
5. ASS	ESSMENT PARAMETERS	12
5.1.	DATA SOURCES WITHIN THE ASSESSMENT	12
6. RES	ULTS	17
6.2.	Whole Life Carbon Emissions Comparison with benchmark data	21
Appen	dix A – Full Data Report from Oneclick	23
Appen	dix B Leti Embodied Carbon Declaration Report	24

2. Quality Management

Prepared by		Checked by			
Ron	way	Roled & Plans			
Rob Waiting BSc (hon	s) MSc	Richard de Fleury BEng (hons) MSc			
Principal Sustainabilit	y Consultant	Principal Sustainability Consultant			
Date: 24/09/2024		Date: 24/09/2024			
File reference:	07-24-C522 WLC1				

Version	Status	Date	Change Summary
LCA1	First Issue	24.09.24	













Registered office as above. Company reg. no. 4507219

3. Development

Stroma Built Environment has been commissioned by Gleesons Homes to prepare a Whole Life Carbon Assessment in line with the RICS Whole Life Carbon Assessment for the Built Environment. This is a Local Validation Requirement for major developments in the Barnsley Metropolitan Borough Council Area in line with Policies CC2 and RE1 of the Local Plan and the Sustainable Construction and Climate Change Adaption Supplementary Planning Document.

The development site is located within Darton, Barnsley on land off Woolley Colliery Road. The proposal will consist of the development of 114 dwellings split into 72 dwellings on Site A and 42 dwellings on Site B. There will be a mixture of 2-4 bedroom detached and semi-detached houses, with associated access, landscaping and parking.

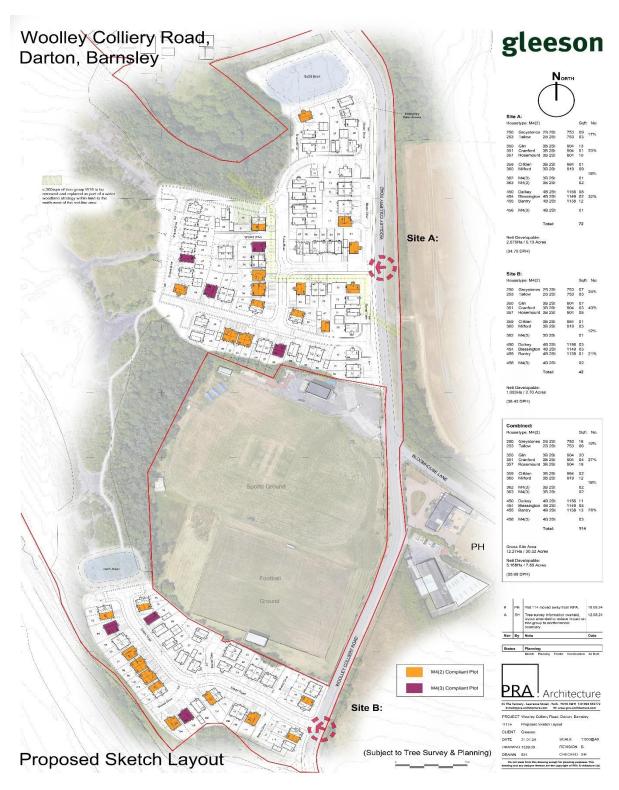


Figure 1. Proposed Site Layout

4. Assessment Criteria

4.1. Barnsley Metropolitan Local Plan Requirements

It is a requirement of the Local Supplementary Planning Document 'Sustainable Construction and Climate Change Adaption' to produce a Whole Life Carbon Assessment for applications for major development as copied below.

Whole life carbon emissions relate to the carbon emissions associated with a building over its entire lifetime arising from materials, its construction, and its use. Traditionally it has mainly been operational emissions that have been assessed. The RICS whole life carbon assessment for the built environment document November 2017 states that "A whole life carbon approach identifies the overall best combined opportunities for reducing lifetime emissions, and also helps to avoid any unintended consequences of focusing on operational emissions alone. For example, the embodied carbon burden of installing triple glazing rather than double can be greater than the operational benefit resulting from the additional pane. Therefore, whole life carbon needs to be effectively integrated into the sustainability agenda in order to achieve a lower carbon future."

A whole life carbon assessment will be required with full or hybrid applications or assessment of approval of reserved matters for major developments (10 dwellings or above and 1000m2 or above for commercial developments or change of use developments). Where we receive an outline application, if minded to approve, a condition will be added requiring submission of a Whole life carbon assessment alongside the reserved matters. The whole life carbon assessment will be expected to follow the model set out in the RICS professional statement 'Whole Life Carbon Assessment for the Built Environment, 2017", or, if applicable, the latest subsequent version of this document or other recognised document setting out best practice for whole life carbon assessment. which RICS members must act in accordance with.

4.2. Assessment Scope

The assessment of Whole Life Carbon (WLC) emissions consists of the following sections: total operational carbon emissions; embodied carbon emissions; and any future potential carbon emissions 'benefits', post end-of-life, including benefits from reuse and recycling of building structure and materials.

This assessment has been undertaken in line with the RICS Professional Statement: Whole Life Carbon Assessment for the Built Environment. The OneClick LCA Tool has been used to calculate the embodied carbon emissions associated with the below stages of the project.

In the assessment following life cycle stages according to EN 15804:2012 were included:

- A1-A5 Emissions
- A-C (excluding B6 and B7)
- All Modules (excluding B1 due to lack of data and B5 as no future refurbishment is planned at this stage)

	Product Stage		Constru ction Process Stage		Use	Use Stage					End Sta	l-of-L ge	ife.		and bey	efits lo ond tem indar	ads the	
Raw material supply	Transport	Manufacturing	Transport to building site	Installation into building	Use/application	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/demolition	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling
A1	A2	А3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D	D	D
х	x	x	х	х	х	x	x	х		×	x	x	x	x	х	x	х	х

Figure 3.Life Cycle Stages

A description of the life cycle stages and analysis scope are provided in the table below:

A1-A3 Construction Materials	Raw material supply (A1) includes emissions generated when raw materials are taken from nature, transported to industrial units for processing and processed. Loss of raw material and energy are also taken into account. Transport impacts (A2) include exhaust emissions resulting from the transport of all raw materials from suppliers to the manufacturer's production plant as well as impacts of production of fuels. Production impacts (A3) cover the manufacturing of the production materials and fuels used by machines, as well as handling of waste formed in the production processes at the manufacturer's production plants until end-of-waste state.
A4 Transportation to site	A4 includes exhaust emissions resulting from the transport of building products from manufacturer's production plant to building site as well as the environmental impacts of production of the used fuel.
A5 Construction/installation process	A5 covers the exhaust emissions resulting from using energy during the site operations, the environmental impacts of production processes of fuel and energy and water as well as handling of waste until the end-of-waste state.
B1-B5 Maintenance and material replacement	The environmental impacts of maintenance and material replacements (B1-B5) include environmental impacts from replacing building products after they reach the end of their service life. The emissions cover impacts from raw material supply, transportation and production of the replacing new material as well

	as the impacts from manufacturing the replacing material as well as handling of waste until the end-of-waste state.
B6 Energy use	The considered use phase energy consumption (B6) impacts include exhaust emissions from any building level energy production as well as the environmental impacts of production processes of fuel and externally produced energy. Energy transmission losses are also taken into account.
B7 Water use	The considered use phase water consumption (B7) impacts include the environmental impacts of production processes of fresh water and the impacts from waste water treatment.
C1-C4 Deconstruction	The impacts of deconstruction include impacts for processing recyclable construction waste flows for recycling (C3) until the end-of-waste stage or the impacts of pre-processing and landfilling for waste streams that cannot be recycled (C4) based on type of material. Additionally deconstruction impacts includes emissions caused by waste energy recovery.
D External impacts/end-of- life benefits	The external benefits include emission benefits from recycling recyclable building waste. Benefits for re-used or recycled material types include positive impact of replacing virgin based material with recycled material and benefits for materials that can be recovered for energy cover positive impact for replacing other energy streams based on average impacts of energy production.

4.3. Assessment Software

The calculations were performed with One Click LCA calculation tool. The software is fully compliant with EN 15978 standard. One Click LCA has been third party verified by ITB for compliancy with the following LCA standards: EN 15978, ISO 21931–1 and ISO 21929, and data requirements of ISO 14040 and EN 15804. You can find the official letters of compliancy here:

https://www.oneclicklca.com/wp-content/uploads/2016/11/360optimi-verification-ITB-Certificate-scanned-1.pdf.

ITB is a certification organization and a Notified Body (EC registration nr. 1488) to the European Commission designated for construction product certification. Polish Accreditation Board assures the independence and impartiality of ITB services (Accreditation Certificates are: AB 023, AC 020, AC 072, AP 113). ITB activities are conducted in accordance to the requirements of the following assurance standards: ISO 9001, ISO/IEC 27001, ISO/IEC 17025, EN 45011, and ISO/IEC 17021.

4.4. Operational Carbon Emissions

Predicted annual energy consumption has been determined using SAP Calculation Modelling as part of the Energy Statement produced by Stroma Built Environment. This confirms the predicted regulated energy consumption is 24.11 kWh/m2 (NIA) annum. This equates to a total energy usage of 244,114 kWh/yr. The predicted unregulated energy consumption is 30.24 kWh/m2 (NIA) per annum which equates to a total energy usage of 306,214 kWh/yr.

4.5. Embodied Carbon Assessment and End-of-life emissions

One Click LCA has been used to assess the embodied carbon associated with the development to produce the anticipated materials quantities in an inventory analysis. Each material specified has been matched to anticipated Environmental Product Declaration (EPD). These are produced by manufacturers and identify the carbon emissions of a product. By scheduling together all the materials specified, the overall carbon emissions can be calculated.

The One Click Tool has a limited database of materials and where a specified material is not included, the most similar material in terms of composition is selected. The LCA process and results have been assessed in line with BS 15978:2011 and the RICS Professional Statement: Whole Life Carbon Assessment for the Built Environment. All EPDS's stored within One Click have been produced in line with the requirements of BS EN 15804: 2012 and each material has been assessed against the following life cycle stages:

- A1-A3: Product stage
- A4: Material transportation to site
- B4-B5: Replacement and maintenance
- C1-C4: End of life

The Construction Phase A5 has also been included to give an estimate of the emission related to the electrical consumption and waste disposal.

In line with the RICS Guidance, the assessment includes the following elements:

- Demolition (emissions associated with demolition and facilitating works are included in the A5 Lifecycle Phase)
- Facilitating works
- Substructure
- Superstructure (frame, upper floors, roof, stairs and ramps, external walls, windows and external doors, internal walls and partitions, internal doors)
- Finishes
- Fittings, furnishings and equipment
- · Building services
- Prefabricated buildings and building units
- Work to existing building (not applicable to this development)
- External works (hard and soft landscaping, fencing, fixtures, drainage, services)

4.6. Data Sources

One Click LCA LCA EN-15978 tool was used in the assessment. The tool supports CML (2002 - November 2012 or newer) methodology and all assessed impact categories. All of the datasets in the tool follow EN 15804 standard. A complete list of data sources including all EPD's used is presented in Appendix A.

The documents have been reviewed as part of the assessment:

- 1. Plans, elevations and specifications
- 2. Stroma Built Environment Energy Statement

3. Stroma Built Environment SAP Calculations

5. Assessment Parameters

5.1. Data sources within the Assessment

The following table details the assumptions and data sources for the assessment against each of the required element groups.

Desilations	Duilding classes	Data Carriera
Building	Building element	Data Sources
Element		
Group	0.2.0.0.5.Taranarara/anahlina	Due to the quelect suggestive at DIDA Chare 2
Facilitating	0.3 & 0.5 Temporary/enabling	Due to the project currently at RIBA Stage 2
Works	works	this information is not yet available
	0.4 Specialist groundworks	No specialist groundworks are known at this
		stage and have not been included in the
1 Substructure	1.1 Foundations	assessment The House Type Specification contains the
1 Substructure	1.1 Foundations	details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
2	2.1 Frame	There are no structural frames within the
Superstructure		houses
	2.2 Upper Floors	The House Type Specification contains the
		details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
	2.2.5.6	with the construction of this element
	2.3 Roof	The House Type Specification contains the
		details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated with the construction of this element
	2.4 Stairs and ramps	The House Type Specification contains the
	2.4 Stairs and ramps	details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
	2.5 External Walls	The House Type Specification contains the
		details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
	2.6 Windows and external	The House Type Specification contains the
	doors	details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
	2.7 Internal Walls and	The House Type Specification contains the
	partitions	details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated with the construction of this element
	2.8 Internal doors	The House Type Specification contains the
	2.0 Internal doors	details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
		That the construction of this cicinche

	T =	I
3 Finishes	3.1 Wall finishes	The House Type Specification contains the
		details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
	2.3 Floor Finishes	No floor finishes are provided
	3.3 Ceiling Finishes	The House Type Specification contains the
		details. These have been entered into the
		OneClick LCA Carbon Designer Tool which
		provides an estimate of the CO ₂ associated
		with the construction of this element
4 Fittings,	4.1 Fittings, furnishings &	Furnishing and equipment are not fully
furnishings	equipment incl. building-	designed at this stage and are not currently
and	related* and non-building-	included
equipment	related**	meladea
(FF&E)	Telated	
5 Building	5.1-5.14 Services incl.	The House Type Specification contains the
services/MEP	building-related* and non-	details. These have been entered into the
SCI VICCS/I ILI	building-related**	OneClick LCA Carbon Designer Tool which
	ballaning related	provides an estimate of the CO ₂ associated
		with the construction of this element
6	6 Drofabricated Buildings and	
6	6 Prefabricated Buildings and	There are no prefabricated Buildings
Prefabricated	Building Units	
Buildings and		
Building Units	7 4 84: 1 1:::	
7 Work to	7.1 Minor demolition and	There are no minor works to existing
Existing	alteration works	buildings
Building	0.1.00	T
8 External	8.1 Site preparation works	This information is not included in the cost
Works	0.2.0	plan
	8.2 Roads, paths, paving and	This information has been taken from the
	surfacing	project site plan. An assumption of car
		parking spaces and paths has been made
		based on the below:
		2 bed dwellings 1 space
		3 and 4 bed dwellings 2 spaces
	8.3 Soft landscaping, planting	Due to the project currently at RIBA Stage 2
	and irrigation systems	this information is not yet available
	8.4 Fencing, railings and walls	Due to the project currently at RIBA Stage 2
	_	this information is not yet available
	8.5 External fixtures	Due to the project currently at RIBA Stage 2
		this information is not yet available
	8.6 External drainage	Due to the project currently at RIBA Stage 2
		this information is not yet available
	8.7 External services	Due to the project currently at RIBA Stage 2
		this information is not yet available
	8.8 Minor building works and	There are no works classified as minor
	ancillary buildings	building works and ancillary buildings
L	andmary bandings	banding works and ariemary bandings

Module	Description	Data Source
A1-A3 Construction Materials	Raw material supply (A1) includes emissions generated when raw materials are taken from nature, transported to industrial units for processing and processed. Loss of raw material and energy are also taken into account. Transport impacts (A2 include exhaust emissions resulting from the transport of all raw materials from suppliers to the manufacturer's production plant as well as impacts of production of fuels. Production impacts (A3) cover the manufacturing of the production materials and fuels used by machines, as well as handling of waste formed in the production processes at the manufacturer's production plants until end-of-waste state.	Calculated using EPD's from OneClick LCA which align with the exact product (where known) or the most applicable similar product.
A4 Transportation to site	A4 includes exhaust emissions resulting from the transport of building products from manufacturer's production plant to building site as well as the environmental impacts of production of the used fuel.	Transport distances were estimated by Oneclick using the dataset from Table 7 of the RICS Whole Life Carbon Professional Statement Guidance 2017
A5 Construction/ installation process	A5 covers the exhaust emissions resulting from using energy during the site operations, the environmental impacts of production processes of fuel and energy and water as well as handling of waste until the end-of-waste state.	Transport distances were estimated by Oneclick using the dataset from the Average site impacts - temperate climate (South), EU electricity mix, 2024
B1-B5 Maintenance and material replacement	The environmental impacts of maintenance and material replacements (B1-B5) include environmental impacts from replacing building products after they reach the end of their service life. The emissions cover impacts from	Use (B1) includes the impact of refrigerant leakage. Refrigerant associated with annual and end of life leakage from the proposed air source heat pumps has been included. This is based on the Panasonic WH-MDC05J3E5 air source heat pump proposed.

	raw material supply, transportation and production of the replaced new material as well as the impacts from manufacturing the replaced material and handling of waste until the end-of-waste state.	Maintenance (B2) emissions - No data was available from the design team and emissions have been estimated for relevant products using the below nominal assumption from the GLA Guidance Document: • 10 kgCO2e/m2 Repair (B3) No data was available from the design team and emissions have been estimated for relevant products using the below nominal assumptions in line with the GLA Guidance Document • 25% of B2 emissions. Replacement (B4) were based on the inputted EPD's from Oneclick Refurbishment (B5) account for the technical service life of the building components "BCIS Life expectancy of building components". There is no know refurbishment strategy so these emissions are excluded
B6 Energy Use	The considered use phase energy consumption (B6) impacts include exhaust emissions from any building level energy production as well as the environmental impacts of production processes of fuel and externally produced energy. Energy transmission losses are also taken into account.	Energy consumption data for regulated and energy usage is taken from the SAP Calculations
B7 Water Use	The considered use phase water consumption (B7) impacts include the environmental impacts of production processes of fresh water and the impacts from wastewater treatment.	Water consumption based on Building Regulations Part G 'Enhanced Consumption' of 105 l/p/d and multiplied by the intended full occupancy of the development, using the EPD for conventionally treated UK tap water. Total occupancy is 468 persons x 105 l/p/d = 49,140 litres per day = 17,936,100 litres per annum. Equates to 17,936 m3
C1-C4 Deconstruction	The impacts of deconstruction include impacts for processing recyclable construction waste flows for recycling (C3) until the end-of-waste stage or the	C1 Deconstruction/demolition) and C2 (Transport) are based on default values. C3 (Waste Processing) and C4 (Disposal) use OneClick LCA's default end of life scenarios.

	impacts of pre-processing and landfilling for waste streams that cannot be recycled (C4) based on type of material. Additionally, deconstruction impacts include emissions caused by waste energy recovery.	
D External impacts/end of life benefits	External benefits for re-used or recycled material types include the positive impact of replacing virgin based material with recycled material and the benefits of the energy which can be recovered from the materials.	D (End of Life) use OneClick LCA's default end of life scenarios.

6. Results

6.1. Whole Life Carbon Emissions

A whole life carbon assessment has been undertaken for the Proposed Development. The assessment has been undertaken in line with the guidance given in the RICS Professional Statement.

The results are shown in the following table.

Assessment Scope	Baseline Emissions (kgCO₂e)
Upfront Carbon Emissions A1-A5 modules (excluding sequestration)	4,922,059
Life Cycle Carbon Modules B-C (excluding B6 & B7)	2,267,221
Life Cycle Emissions A-C (excluding B6 & B7, including sequestration)	6,668,180
Life Cycle Emissions for all Modules	10,438,910

Table 3. Whole Life Cycle Emissions

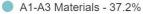
The full results from the LETI guidelines Reporting spreadsheet are provided within Appendix B.

	iogenic carbon (kg CO2e)	1-A3 Product Stage	4 Transportation to site	5 Site operations	1 Use Phase	B2 Maintenance	3 Repair	4 Material replacement - materials	5 Material refurbishment	6 Operational Energy use - Regulated	6 Operational Energy use - Unregulated	7 Operational Water use	1 Deconstruction / demolition	2 Waste transportation	3 Waste processing	4 Waste disposal	OTAL kg CO2e	External impacts (not included in otals)
Result category	Ω	< <	∢	ě.	m	m	竺	ď	m	<u>m</u>	m	m	ن	ن ن	ن	ن	Ĕ	□ \$
0.1 Toxic Mat.																		
0.2 Demolition																		
0.3 Supports																		
0.4 Groundworks																		
0.5 Diversion																		
1 Substructure	0	838787.6	95775.69	48995.61			0	4078.36	0					20906.56	63773.22		1079833	-193443
2.1 Frame																		
2.2 Upper Floors	-226247	159692.1		22813.76			0							2459.85	228130		193027.4	-103939
2.3 Roof	-177123	154097.1					0	45191.91	0					1357.52		98.63	243033.8	-134756
2.4 Stairs & Ramps	-25031	16332.78					0							57.4	25223.72		19771.09	-10981.8
2.5 Ext. Walls	0		57981.14	147258.5			0	8413.86	0					19876.28	1864.52	1115.97	2079454	-75615.6
2.6 Windows & Ext. Doors	0	205489.6	280.87	0			0	205961.3	0					187.25	1.02	2.54	411922.5	-102.4
2.7. Int. Walls & Partitions	-70692		14938.16	32364.6			0		0								358143.9	-55657.7
2.8 Int. Doors	-22007.7	11928.02		0			0	12793.21						45.97	22131.17		25586.42	
3 Finishes	0	38710.7	1685.64	5208			0	19417.09	0					2486.7	80.04	7.08	67595.24	-282.06
4 Fittings, furnishings & equipments																		
5 Services (MEP)	0	517267.6	100721.4	7522.92	342346.7		0	629460.8	0	1991970	2498706	291250.4		4158.07	373.45	28.23	6393128	-434695
6 Prefabricated																		
7 Existing bldg																		
8 Ext. works	0	46916.78	31019.42	0				128974.5			,			1184.57	133.06		92128.32	
Other or overall site construction				140816.5													140816.5	
Unclassified / Other	0	38574.34	3552.16	4484.31		101234	25308.5	72397.66	0					184.47	655.44	14.66	119863	-1724.66
TOTAL kg CO2e	-521100	4172898	322243.9	426917.6	342346.7	101234	25308.5	1126689	0	1991970	2498706	291250.4		60483.41	609769.6	1390.59	11450108	-1011197
KG CO2/m2	-51	412	32	42	34	10	3	111	0	197	247	29		6	60	0	1131	

Table 4. Whole Life Carbon Emissions for all stages A-D

The overall emissions for the SAP10 factors are shown in the graphs below.

TOTAL kg CO2e - Life-cycle stages



A4 Transportation - 3.0%

A5 Site - 3.8%

B1 Use phase - 3.1%

B4 Replacement - 9.0%

B6a Regulated Energy - 17.7%

B6b Unregulated Energy - 22.3%

B7 Water - 2.6%

C1-C4 Module C1-C4 (excl. biogenic carbon) - 1.3%

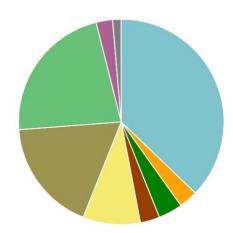


Figure 4.Pie chart of Whole Life Cycle Emissions by Life Cycle Stage

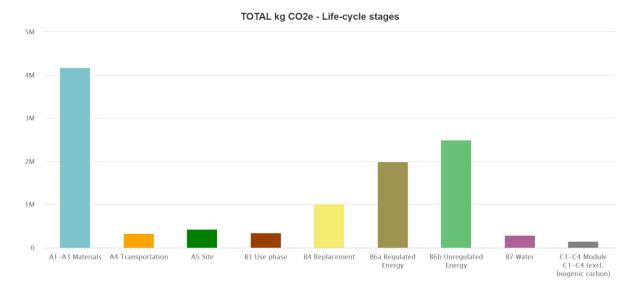


Figure 5. Bar chart of Whole Life Cycle Emissions by Life Cycle Stage

TOTAL kg CO2e - Classifications

1.1.3.Lowest floor construction - 8.2%
2.2.1.Floors - 1.7%
2.3.Roofs - 2.2%
2.5.1.External enclosing walls above ground level - 18.5%
2.6.1.External Windows - 3.1%
2.7.Internal walls and partitions - 2.2%
5.Services - 47.3%
5.6.Space heating and Airconditioning - 5.6%
5.13.2.Specialist refrigeration systems - 3.1%
Other classifications - 8.2%

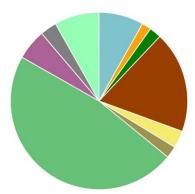


Figure 6.Life Cycle Emissions by RICS Classification

6.2. Comparison with benchmark data

The Whole Life Cycle Carbon Emissions have been calculated for the development and compared against the industry standard benchmark data provided within the Greater London Authority Whole Life Carbon Assessments, and the LETI Guidance for Defining and Aligning: Whole Life Carbon & Embodied Carbon.

The full data from the OneClick Report is provided within Appendix A.

Module	Current Average Design (LETI Guidance) kg CO ₂ e/m2	GLA Best Practice benchmark kg CO ₂ e/m2	GLA Aspirational benchmark kg CO2e/m2	Actual WLC kgCO₂e/m2
A1-A5 (excluding sequestration)	<850	<850	<500	486
B-C (excluding B6 & B7)	No benchmark available	<350	<300	224
A-C (excluding B6 & B7, including sequestration)	<1200	<1200	<800	659
All Modules	No benchmark available	No benchmark available	No benchmark available	1,031

Table 5. Carbon Emissions CO2e/m2

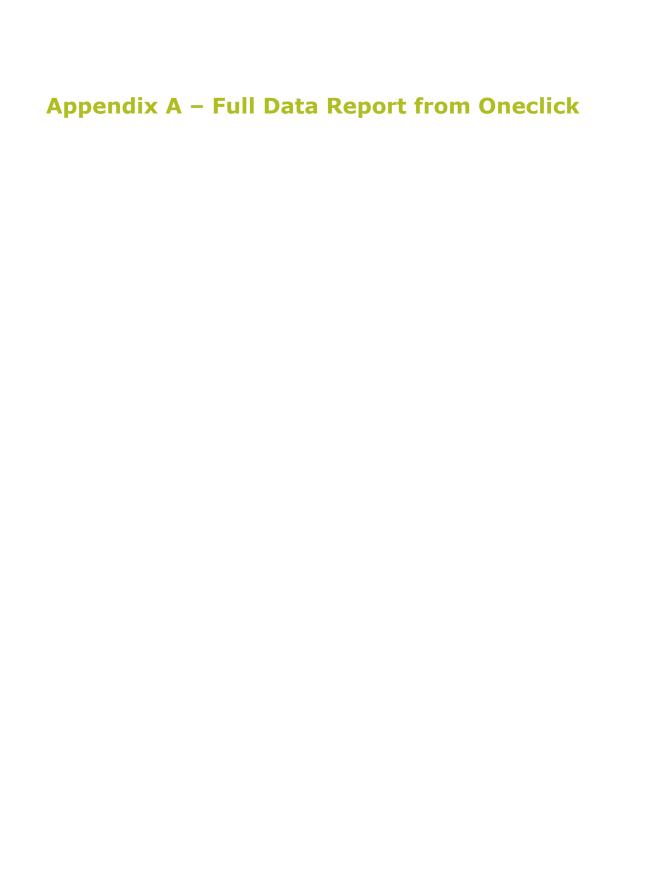
The data shows the each set of results to be within the aspirational practice benchmark.

6.2.1. LETI Embodied Carbon Declaration Results

In the absence of limited benchmark data to report the embodied and whole life cycle carbon emissions against, the results have been entered into the LETI (Low Energy Transformation Initiative) Embodied Carbon Declaration Template to report the results using the their Framework.

The full outputs from the LETI Guidance tool are shown in Appendix B with a summary below. This shows the assessment is currently achieving a result of C478 (kg/CO $_2$ e/m 2) for Modules A1-A5 (upfront Embodied Carbon) and C638 (kg/CO $_2$ e/m 2) for Life Cycle Carbon. Both these results are significantly better than the current design average of E850 (kg/CO $_2$ e/m 2) and E1200 (kg/CO $_2$ e/m 2) respectively.

Project Name Woolley Colliery Road, Darton, B Project Sector Residential (6+ storeys) Assessment Date 23.09.24 Assessment By (company) Stroma Built Environment Location of Data -	Upfront Embodied Carbon A1-5 exc. sequestration (kgCO ₂ e/m²)	Life Cycle Embodied Carbon A1-5, B1-5, C1-4 (kgCO ₂ e/m²)
A++ A+	100	150
A	200	450
B C	400	625 C 638
D	500 C 478	1000
F Current Average Design		1200
G	1000	1400
Non-Listed Typology:		
Sequestered Carbon:	-51 kgCO₂e/m²	
	Module D:	-100 kgCO ₂ e/m ²



Entity us	Project name	Design na	Indicator name																					
Rob Waiti	Woolley Colliery Road	2 - WLC A	Whole life carbon assessi	nent, GLA / RIC	CS / Green Mark							4					Esti	mate						
			Mass of							2.6 2.7.	Int.	Fitting furnisl	ıs, hin			Other or Biogen overall carbon	ic Estimate d d recy	clabl						
		User	raw	TAI 0.1 Tox	ic Demoliti 0.3 0.4 0.5 Groundw Divers	1 Substra	2.2 c 2.1 Upp	2.4	2 2 E Ev+	Windows Wal	s & ition 2.8 Int. 3	gs &	5	6 7 Prefabric Existi	ina 9 Evt	site Unclassif storage	reusable e e materials mate		EOL RICS Con	mon Sondo	Construc Reso	uro Datacour	Transfor	ears of
Section	Resource		Unit kg kg	CO ₂ e Mat.	on Supports orks n	ture	Frame Floo	ors 2.3 Roof Ramp	s Walls	Doors s	Doors Fi	inishes nts	(MEP)	ated bldg	works	tion Other bio	kg kg	Q	uestion Process category t	life	tion e type	e ce	process 6	
	Ready-mix concrete, low- strength, generic, C12/15																							
	(1700/2200 PSI), 0% recycled binders in																							
	cement (220 kg/m3 /																							
A1-A3	13.73 lbs/ft3) Reinforcement steel	5057.44	m2 556318.4 55	054.42		55054.4	2										0 556	318.4 Fo	oundation Concrete (1.1.1.Stan	As buildin	Concrete c Ready	/-mix One Click		P2
	(rebar), generic, 90% recycled content, A615	31905.2	kg 31905.2 21	200 91		21200.9	1										0 31	905 2 Fr	oundation Steel recy 1.1.1.Stan	As buildin	Footing for Reinfo	rcer One Click		P4
	Ready-mix concrete,	0.000.2																						
	normal-strength, generic, C30/37 (4400/5400 PSI),																							
	10% (typical) recycled binders in cement (300																							
A1-A3 A1-A3	kg/m3 / 18.72 lbs/ft3)	490251	kg 490251 55 1078475 13	268.97		55268.9 131524	7										0 49	90251 Fo	oundatior Concrete (1.1.1.Stan 1.1.1.Stan	As buildin	Footing for Ready	/-mix One Click		P2
	Ready-mix concrete, low-		1070473 13	324.3		131324											107	0473	1.1.1.5tan					
	strength, generic, C12/15 (1700/2200 PSI), 0%																							
	recycled binders in cement (220 kg/m3 /																							
A4	13.73 lbs/ft3) Reinforcement steel	5057.44	m2 3	316.07		3616.0	7											Fo	oundation Concrete (1.1.1.Stan	As buildin	Concrete c Ready	/-mix One Click		P2
l	(rebar), generic, 90%		. .																					
	recycled content, A615 Ready-mix concrete,	31905.2	кд 1	3574.9		13574	9											Fo	oundation Steel recy 1.1.1.Stan	As buildin	Footing for Reinfo	orcer One Click		P4
	normal-strength, generic, C30/37 (4400/5400 PSI),																							
	10% (typical) recycled binders in cement (300																							
	kg/m3 / 18.72 lbs/ft3)	490251	kg 3	186.63		3186.6	3											Fo	oundation Concrete (1.1.1.Stan	As buildin	Footing for Ready	-mix One Click		P2
M4	Ready-mix concrete, low-		2	377.6		20377	0												1.1.1.Stan					
	strength, generic, C12/15 (1700/2200 PSI), 0%																							
	recycled binders in cement (220 kg/m3 /																							
A5	13.73 lbs/ft3)	5057.44	m2 22252.74 2	119.63		2419.6	3										222	52.74 Fo	oundation Concrete (1.1.1.Stan	As buildin	Concrete c Ready	/-mix One Click		P2
	Reinforcement steel (rebar), generic, 90%																							
A5	recycled content, A615 Ready-mix concrete.	31905.2	kg 1547.4 1	49.25		1749.2	5										1:	547.4 Fo	oundation Steel recy 1.1.1.Stan	As buildin	Footing for Reinfo	orcer One Click		P4
	normal-strength, generic, C30/37 (4400/5400 PSI),																							
	10% (typical) recycled binders in cement (300																							
	kg/m3 / 18.72 lbs/ft3)	490251	kg 19610.04 2			2402.3											196	10.04 Fo	oundation Concrete (1.1.1.Stan	As buildin	Footing for Ready	-mix One Click		P2
A5	Ready-mix concrete, low-		43410.18 6	571.27		6571.2	7										434	10.18	1.1.1.Stan					
	strength, generic, C12/15 (1700/2200 PSI), 0%																							
	recycled binders in cement (220 kg/m3 /																							
В3	13.73 lbs/ft3)	5057.44	m2	0			0											Fo	oundation Concrete (1.1.1.Stan	As buildin	Concrete c Ready	-mix One Click		P2
	Reinforcement steel (rebar), generic, 90%																							
B3	recycled content, A615 Ready-mix concrete,	31905.2	kg	0			0											Fo	oundation Steel recy 1.1.1.Stan	As buildin	Footing for Reinfo	orcer One Click		P4
	normal-strength, generic, C30/37 (4400/5400 PSI),																							
	10% (typical) recycled																							
	binders in cement (300 kg/m3 / 18.72 lbs/ft3)	490251	kg	0			0																	-
B3	Ready-mix concrete, low-																	Fo	oundation Concrete (1.1.1.Stan	AS DUIIDIN	Footing for Ready	/-mi> One Click		P2
																		Fo	1.1.1.Stan	AS DUIIGIN	Footing for Ready	y-mix One Click		PZ
	strength, generic, C12/15																	Fo	1.1.1.Stan	As buildin	Footing for Read	/-mi» One Click		PZ
	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in																	Fo	1.1.1.Stan	AS DUIIGIF	Footing for Ready	/-mi> One Click		PZ
	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/ft3)	5057.44	m2 1	527.88		1627.8	8												oundatio Concrete (1.1.1.Stan		Footing for Read		Dumper tr	P2
C2	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/ft3) Reinforcement steel (rebar), generic, 90%																		1.1.1.Stan	As buildin	Concrete c Ready	y-mix One Click		
C2	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/ft3) Reinforcement steel (rebar), generic, 90% recycled content, A615	5057.44 31905.2		327.88		1627.8												Fo	1.1.1.Stan	As buildin		y-mix One Click		
C2 C2	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/f3) Reinforcement steel (rebar), generic, 90% recycled content, A615 Ready-mix concrete, normal-strength, generic,																	Fo	1.1.1.Stan	As buildin	Concrete c Ready	y-mix One Click		
C2 C2	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/fls) Reinforcement steel (rebar), generic, 90% recycled content, A615 Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled																	Fo	1.1.1.Stan	As buildin	Concrete c Ready	y-mix One Click		
<u>C2</u>	strength, generic, C12/15 (1700/220 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/lt3) Reinforcement steel (rebar), generic, 90% recycled content, A615 Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled binders in cement (300	31905.2	kg 1	221.73		1221.7	3											Fo	1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan	As buildin	Concrete c Ready	y-mio One Click	Trailer con	
<u>C2</u>	strength, generic, C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/fls) Reinforcement steel (rebar), generic, 90% recycled content, A615 Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled		kg 1	221.73		1221.7	3											Fo	1.1.1.Stan	As buildin	Concrete c Ready	y-mio One Click	Trailer con	P2
C2 C2 C2 C2	strength, generic, C.12/15 (1700/2200 FSI), 08 recycled binders in cement (220 kg/m² / 13.73 bs/fl3) 13.73 bs/fl3) 13.73 bs/fl3) 13.73 bs/fl3) Reinforcement steel (rebar), generic, 90% recycled cortent, A615 Ready-mix concrete, normal-strength, generic, C3007 (4400/5400 PSI), generic C3007 (4400/5400 PSI), generic C3007 (4400/5400 PSI), generic C3007 (4400/5400 PSI), generic Ready-mix concrete, low-strength, generic, C12/15	31905.2	kg 1	221.73		1221.7	3											Fo	1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan	As buildin	Concrete c Ready	y-mio One Click	Trailer con	P2
C2 C2 C2 C2 C2	strength, generic, C.12/15 (1700/2200 FSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/l/3), 373 bs/	31905.2	kg 1	221.73		1221.7	3											Fo	1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan	As buildin	Concrete c Ready	y-mio One Click	Trailer con	P2
C2 C2 C2 C2 C2	strength, generic, C.12/15 (1700/2200 FSI), 0% recycled binders in cement (220 kg/m3 / 13.73 bs/fl3) (13.73 bs/fl3) (13.74 bs/	31905.2	kg 1	221.73		1221.7	3 6 7											Fc Fc	1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan	As buildin As buildin	Concrete c Ready Footing for Reinfo	remb One Click	Trailer con	P2
C2 C2 C2 C2	strength, generic, C.12/15 (1700/220) PSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/l/3) (13.73 bs/l/3)	31905.2 490251	kg 1	221.73 134.56 284.17		1221.7 1434.5 4284.1	3 6 7											Fc Fc	oundatio Concrete c 1.1.1.Stan cundatio Steel recvi 1.1.1.Stan cundatio Concrete c 1.1.1.Stan 1.1.1.Stan	As buildin As buildin	Concrete c Ready	remb One Click	Trailer con	P2
C2 C2 C2 C2	strength, generic, C.12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/l/3) (13.73 bs/	31905.2 490251	kg 1	221.73 134.56 284.17		1221.7 1434.5 4284.1	6 6 7 7 2 2											Fc Fc	oundatio Concrete c 1.1.1.Stan cundatio Steel recvi 1.1.1.Stan cundatio Concrete c 1.1.1.Stan 1.1.1.Stan	As buildin As buildin As buildin	Concrete c Ready Footing for Reinfo	r-mix One Click A-mix One Click A-mix One Click	Trailer con	P2
C2 C2 C2 C2 C3	strength, generic, C.12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/l/3). Ts.73 bs/l/3) 13.73 bs/l/3 ps/l/3) 13.73 bs/l/3 ps/l/3	31905.2 490251 5057.44	kg 1	221.73 134.56 184.17		1221.7 1434.5 4284.1	6 6 7 7 2 2											Fc Fc	cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan cundatio Concrete c 1.1.1.Stan 1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Concrete c 1.1.1.Stan	As buildin As buildin As buildin	Concrete c Ready Footing for Reinfo Footing for Ready Concrete c Ready	r-mix One Click A-mix One Click A-mix One Click	Trailer con	P2 P4 P2 P2
C2 C2 C2 C3	strength, generic, C.12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/l/3). The strength (200 kg/m³ / 13.73 bs/l/3) (13.73 bs/l/3) (13.74 bs/l/3) (13.75 bs/l/3) (13.73 bs/l/3) (13.75 bs/l/3)	31905.2 490251 5057.44	kg 1	221.73 134.56 184.17		1221.7 1434.5 4284.1	6 6 7 7 2 2											Fc Fc	cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan cundatio Concrete c 1.1.1.Stan 1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Concrete c 1.1.1.Stan	As buildin As buildin As buildin	Concrete c Ready Footing for Reinfo Footing for Ready Concrete c Ready	r-mix One Click A-mix One Click A-mix One Click	Trailer con	P2 P4 P2 P2
C2 C2 C2 C3	strength, generic, C.12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m³ / 13.73 bs/lts), 13.73 bs/	31905.2 490251 5057.44	kg 1 1	221.73 134.56 184.17		1221.7 1434.5 4284.1	3 6 6 7 7 2 2 1 1											Fo	cundatio Concrete c 1.1.1.Stan cundatio Steel recv 1.1.1.Stan cundatio Concrete c 1.1.1.Stan 1.1.1.Stan cundatio Concrete c 1.1.1.Stan cundatio Concrete c 1.1.1.Stan	As buildin As buildin As buildin As buildin	Concrete c Ready Footing for Reinfo Footing for Ready Concrete c Ready	remb One Click creer One Click remb One Click remb One Click creer One Click	Trailer con	P2 P4 P2 P2

	Ready-mix concrete, low-													
	strength, generic, C12/15 (1700/2200 PSI), 0%													
	recycled binders in cement (220 kg/m3 /													
	13.73 lbs/ft3)	5057.44 m2	-9078.31	-9078.31					Foundation Concret	c 1.1.1.Stan	As building	Concrete c Ready-mix	One Click	
	Reinforcement steel													
	(rebar), generic, 90% recycled content, A615	31905.2 kg	-7375.11	-7375.11					Foundation Steel re-	v 1 1 1 Stan	As building	Footing for Reinforcer	One Click	
	Ready-mix concrete,									,				
	normal-strength, generic, C30/37 (4400/5400 PSI),													
	10% (typical) recycled													
	binders in cement (300													
	kg/m3 / 18.72 lbs/ft3)	490251 kg	-11520.8	-11520.8					Foundation Concret	1.1.1.Stan	As building I	Footing for Ready-mix	One Click	_
	Ready-mix concrete, low-													
	strength, generic, C12/15													
	(1700/2200 PSI), 0% recycled binders in													
	cement (220 kg/m3 /													
TAL	13.73 lbs/ft3) Reinforcement steel	5057.44 m2	62910.43	62910.43					Foundation Concret	1.1.1.Stan	As building	Concrete c Ready-mix	One Click	_
	(rebar), generic, 90%													
AL	recycled content, A615	31905.2 kg	37816.2	37816.2					Foundation Steel re-	y 1.1.1.Stan	As building I	Footing for Reinforcer	One Click	
	Ready-mix concrete, normal-strength, generic,													
	C30/37 (4400/5400 PSI),													
	10% (typical) recycled binders in cement (300													
TAL	kg/m3 / 18.72 lbs/ft3)	490251 kg	62462.12	62462.12					Foundation Concret	1.1.1.Stan	As building l	Footing for Ready-mix	One Click	
TAL										1.1.1.Stan				
	Ready-mix concrete, low- strength, generic, C12/15													
	(1700/2200 PSI), 0%													
	recycled binders in cement (220 kg/m3 /													
С	13.73 lbs/ft3)	5057.44 m2	0						Foundation Concret	1.1.1.Stan	As building	Concrete c Ready-mix	One Click	
	Reinforcement steel									1				
	(rebar), generic, 90% recycled content, A615	31905.2 kg							Foundation Steel	1 1 1 Sten	As buildie	Footing for Painforce	One Click	
	Ready-mix concrete,	5 1905.2 Kg	0		+ + + + + + + + + + + + + + + + + + + +				Foundation Steel re-	y i. i. i. Judili	ve namajui i	Footing for Reinforcer	One office	_
	normal-strength, generic,													
	C30/37 (4400/5400 PSI), 10% (typical) recycled													
	binders in cement (300													
C C	kg/m3 / 18.72 lbs/ft3)	490251 kg	0	0					Foundation Concret	1.1.1.Stan	As building l	Footing for Ready-mix	One Click	
Ü			1121885 163188.8	163188.8	+ + + + + + + + + + + + + + + + + + + +	 		1121885		1.1.1.Stan 1.1.1.Stan	+			
	Self-levelling mortar		1121003 103100.8	103100.0				1121065		dil				_
	(SLM), 2107.7 kg/m3,													
	3.01 Mpa, additive: polyfunctional plasticizer													
	(One Click LCA)	101.15 m3	213193.9 70265.96	70265.96			0	213193.9	Floor slabs Cement	m 1.1.3.Low	As building	Concrete ¿ Leveling s	One Click	
	EPS Insulation, L= 0.031 W/mK, R= 1 m2K/W,													
	W/mK, R= 1 m2K/W, 600x1200x31 mm. 16													
	kg/m3, pressure class 80													
A3	kN/m² (EPS-gruppen) EPS Insulation, L= 0.031	2699.36 m2	8637.95 40042.38	40042.38	+ + + + + + + + + + + + + + + + + + + +		0		Foundation Plastic-I	ar 1.1.3.Low	As building I	Frost insul EPS (expa	EPD Lavl	
	W/mK, R= 1 m2K/W,													
	600x1200x31 mm, 16													
A 3	kg/m3, pressure class 80 kN/m² (EPS-gruppen)	5057.44 m2	20229.76 93777.75	93777.75					Floor slahr Plastin	a: 1.1.3.Low Lambda	= As buildie	Concrete (EDS /e	EPD Lavi	
мэ	Ready-mix concrete,	3037.44 1112	20229.76 93777.73	93717.73			- 0		FIGUR SIADS FIASUC-I	lat 1.1.3.LUW Lambua	- As building	Anciete (Ero (expa	EFD Law	_
	normal-strength, generic,													
	C30/37 (4400/5400 PSI), 10% (typical) recycled													
	binders in cement (300													
	kg/m3 / 18.72 lbs/ft3)	5057.44 m2	3641357 410512.2	410512.2			0	3641357	Floor slabs Concret	t 1.1.3.Lowe	As building	Concrete c Ready-mix	One Click	
	Damp insulation PE, 0.2 kg/m2, EN15804+A1, ref.													
13	year 2018	5057.44 m2	1011.49 1927.29	1927.29			0		Floor slabs Plastic-I	a: 1.1.3.Low	30	Concrete g Plastic me	ÖKOBAUI	
	Reinforcement steel													
١3	(rebar), generic, 90% recycled content, A615	136551 kg	136551 90737.74	90737.74			0	136551	Floor slabs Steel re-	y 1.1.3.Low 90 kg/m	3 As building	Concrete c Reinforcer	One Click	
13			4020981 707263.3	707263.3				3991102		1.1.3.Low				
	Self-levelling mortar (SLM), 2107.7 kg/m3,													
	(SLM), 2107.7 kg/m3, 3.01 Mpa, additive:													
	polyfunctional plasticizer													
	(One Click LCA) FPS Insulation I = 0.031	101.15 m3	408.19	408.19					Floor slabs Cement	m 1.1.3.Lowe	As building	Concrete c Leveling s	One Click	
	W/mK, R= 1 m2K/W,													
	600x1200x31 mm, 16													
	kg/m3, pressure class 80 kN/m² (EPS-gruppen)	2699.36 m2	99.23	99.23					Foundation Plastic-I	nor 1 1 3 I over	As buildie	Frost insul EPS (expa	EPD Lavi	
	kN/m² (EPS-gruppen) EPS Insulation, L= 0.031	2000.30 IIIZ	99.23	99.23					. carrumou FidS(IC-I	na i. i.o.coWt	ve namani i	TOUR HIGHI CEO (EXDE	L. D LOY	_
	W/mK, R= 1 m2K/W,													
	600x1200x31 mm, 16 kg/m3, pressure class 80													
	kN/m² (EPS-gruppen)	5057.44 m2	232.4	232.4					Floor slabs Plastic-I	ar 1.1.3.Low Lambda	= As building	Concrete g EPS (expa	EPD Lavl	
	Ready-mix concrete,													
	normal-strength, generic, C30/37 (4400/5400 PSI),													
	C30/37 (4400/5400 PSI), 10% (typical) recycled													
	binders in cement (300													
	kg/m3 / 18.72 lbs/ft3)	5057.44 m2	23668.82	23668.82					Floor slabs Concret	t 1.1.3.Low	As building	Concrete c Ready-mix	One Click	_
	Damp insulation PE, 0.2 kg/m2, EN15804+A1, ref.													
	vear 2018	5057.44 m2	58.1	58.1					Floor slabs Plastic-I	ar 1.1.3.Lowe	30	Concrete ç Plastic me	ÖKOBAUI	
	year 2018 Reinforcement steel													
	Reinforcement steel (rebar), generic, 90% recycled content, A615	136551 kg	58099.17	58099.17					Eloor elobr Steel	y 1.1.3.Low 90 kg/m	2 Ac building	`oncrete (Painforce	One Click	

3.01 M	velling mortar					
3.01 M						
	, 2107.7 kg/m3,					
As CONTACT	nctional plasticizer	404.450	07745.0	070.00	0070.00	27715.2 Floor slabs Cement/m 1.1.3.Low As buildin/ Concrete d Leveling s/ One Click
A5 (One C	Click LCA) nsulation, L= 0.031	101.15 m3	27715.2	1278.32	9278.32	27715.2 Floor slabs Cement/m 1.1.3.Lowe As building Concrete & Leveling so One Click P2
	, R= 1 m2K/W,					
600x12	200x31 mm, 16					
kg/m3.	, pressure class 80					
A5 kN/m²	(EPS-gruppen)	2699.36 m2	345.52	320.61	2320.61	Foundation Plastic-ba 1.1.3.Low As building Frost insul EPS (expa EPD Lavi) P7
	nsulation, L= 0.031					
	, R= 1 m2K/W,					
600x10	200x31 mm, 16					
kg/m3	, pressure class 80					
A5 kN/m ²	(EPS-gruppen)	5057.44 m2	809.19	434.78	5434.78	Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete & EPS (expa EPD Lawl P7
Ready	-mix concrete.					
norma'	I-strenath, generic.					
C30/3	7 (4400/5400 PSI),					
10% (typical) recycled					
hinder	s in cement (300					
		5057.44 m2	145654.3 1	042.02	17843.83	145654.3 Floor slabs Concrete (1.1.3.Low As buildin Concrete (Ready-mb One Click P2
AS Rg/IIIS	insulation PE, 0.2	3037.44 1112	140004.5	043.03	17043.03	143034.3 Floor stable Concrete (1.1.3.Low) As building Concrete (Ready-into One Click F2
Damp lea/m2	, EN15804+A1, ref.					
A.F. Ng/III.2.	, EN 13004TA 1, 161.	5057.440	404.45	407.04	407.04	Floor slabs Plastic-bat 1.1.3.Low 30 Concrete c Plastic me OKOBAUI P7
A5 year 20		5057.44 m2	101.15	407.84	407.84	Floor slably Plastic-bal 1.1.3.Lows 30 Concrete & Plastic me OKOBAUI P7
	rcement steel					
(rebar)), generic, 90%					
A5 recycle	ed content, A615	136551 kg		7486.6	7486.6	6622.72 Floor slabs Steel recy 1.1.3.1.cw 90 kg/m3 As buildin Concrete Reinforcer One Click P4
A5			181248.1 4	771.98	42771.98	17999.2 1.1.3.Low
	velling mortar					
(SLM)	, 2107.7 kg/m3,					
3.01 M	Ipa, additive:			1		
polyfur	nctional plasticizer					
B3 (One C	Click LCA)	101.15 m3		0		Floor slabs Cement/m 1.1.3.Low As buildin Concrete & Levelling s One Click P2
EDG I	nsulation, L= 0.031	.01.10 /110				1 to dead certaintii 1.1.5.Low As uniquii outridee g Levening at One Olluk P2
W/mV	, R= 1 m2K/W,					
w/mK	, IX- I IIIZIVIVI,			1		
600x12	200x31 mm, 16					_ , , , , , , , , , , , , , , , , , , ,
kg/m3	, pressure class 80					
B3 kN/m²	(EPS-gruppen) nsulation, L= 0.031	2699.36 m2		0	0	Foundation Plastic-ba: 1.1.3.Low As buildin Frost insul EPS (expa EPD Lavi) P7
W/mK	. R= 1 m2K/W.			1		
600x12	200x31 mm, 16			1		
ka/m3	, pressure class 80					
B3 kN/m²	(EPS-gruppen)	5057.44 m2		0		Floor slabs Plastic-ba; 1.1.3.Low, Lambda = As buildin; Concrete c EPS (exps EPD Lavl P7
	-mix concrete	2.07.77 (112				1.000 diabyt i diabyt i diabyt patituda 1.100 town Latituda 7.00 buttutili Outsidate § Et o (expect to Latiti
				1		_
	l-strength, generic,			1		_
C30/37	7 (4400/5400 PSI),					
10% (†	typical) recycled					
	s in cement (300			1		
	/ 18.72 lbs/ft3)	5057.44 m2		0		Floor slabs Concrete (1.1.3.Low(As buildin Concrete c Ready-mib One Click P2
Damp	insulation PE, 0.2					
ka/m2	, EN15804+A1, ref.			1		_
B3 year 20	018	5057.44 m2		0		Floor slabs Plastic-bas 1.1.3.Low 30 Concrete Plastic me ÖKOBAUI P7
	rcement steel					The state of the s
), generic, 90%			1		_
(repar)	nd content AC15	120551		0		Floor slabs Steel recvi 1.1.3.Lowi 90 kg/m3 As buildini Concrete c Reinforcer One Click P4
B3 recycle	ed content, A615	136551 kg		U	U	
B3						1.1.3.Low
	insulation PE, 0.2					
kg/m2	, EN15804+A1, ref.					
B4 year 20	018	5057.44 m2		078.36	4078.36	Floor slabs Plastic-bas 1.1.3.Low 30 Concrete Plastic me OKOBAUI P7
Damp						
	insulation PE, 0.2					
kg/m2	insulation PE, 0.2 . EN15804+A1, ref.					
kg/m2,	, EN15804+A1, ref.		0	0		Flore claby Plastin-bal 1.1.3 Louv 30 Concrete / Plastin me (MCRAIII) P7
kg/m2, B5 year 20	, EN15804+A1, ref. 018	5057.44 m2	0	0	0	Floor slabit Plastic-bai 1.1.3.Low 30 Concrete c Plastic me OKOBAUI P7
kg/m2, year 20 Self-lev	, EN15804+A1, ref. 018 velling morter		0	0	0	Floor slabt Plastic-bal 1.1.3.Low 30 Concrete C Plastic me ÖKOBAUI P7
B5 year 20 Self-lev (SLM),	, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3,		0	0	0	Floor slable Plastic-bai 1.1.3.Low. 30 Concrete c Plastic me OKOBAUI P7
kg/m2, year 20 Self-lev (SLM), 3.01 M	, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3, Mpa, additive:		0	0	0	Floor slabt Plastic-bar 1.1.3.Low 30 Concrete & Plastic me ÖKOBAUI P7
B5 year 20 Self-lev (SLM), 3.01 M polyfur	, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3, Mpa, additive: nctional plasticizer	5057.44 m2	0	0	0	
kg/m2, year 20 Self-ler (SLM), 3.01 M polyfur	, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3, Mpa, additive: nctional plasticizer Click LCA)		0	623.84	623.84	Floor slabs (Plastic-bal 1.1.3.Low) 30 Concrete c Plastic me (ÖKOBAU) P7
kg/m2, year 20 Self-len (SLM), 3.01 M polyfur C2 (One C	, EN15804+A1, ref. 018 welling mortar , 2107.7 kg/m3, Mpa, additive: nctional plasticizer Click LCA) nsulation, L= 0.031	5057.44 m2	0	623.84	623.84	
kg/m2, year 20 Self-lev (SLM), 3.01 M polyfur C2 (One C EPS Ir	, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3, Mpa, additive: nctional plasticizer Click LCA) nsulation, L= 0.031 i, R= 1 m2k/W,	5057.44 m2	0	623.84	623.84	
kg/m2, year 20 Self-lev (SLM), 3.01 M polyfur C2 (One C EPS Ir W/mK, 600x12	, EN15804+A1, ref. 018 veiling mortar , 2107.7 kg/m3, Ipa, additive: nctional plasticizer Click LCA) nsulation, L= 0.031 , R= 1 m2k/W, 200x31 mm, 16	5057.44 m2	0	623.84	623.84	
kg/m2, year 2(, EN15804+A1, ref. 018 velling mortar , 2107.7 kg/m3, /pa, additive: nctional plasticizer Click LCA) nsulation, L= 0.031 , R= 1 m2k/W. 200x31 mm, 16 , pressure class 80	5057.44 m2	0			Floor slabs Cement/m 1.1.3.Low. As building Concrete & Leveling as One Click Dumper to P2
kg/m2, year 2(Self-lev (SLM), 3.01 M polyfur C2 (One C EPS ir W/mK, 600x12 kg/m3, C2 kg/m3, C2	, EN15804+A1, ref. 0018 veilling mortar , 2107.7 kg/m3, flpa, additive: nctional plasticizer Click LCA) nsusulation, L = 0.031 , R = 1 m2K/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen)	5057.44 m2	0		623.84	Floor slabs Cement/m 1.1.3.Low. As building Concrete & Leveling as One Click Dumper to P2
kg/m2, year 2(Self-lev (SLM), 3.01 M polyfur C2 (One C EPS ir W/mK, 600x12 kg/m3, C2 kg/m3, C2	, EN15804+A1, ref. 0018 veilling mortar , 2107.7 kg/m3, flpa, additive: nctional plasticizer Click LCA) nsusulation, L = 0.031 , R = 1 m2K/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen)	5057.44 m2	0	0 623.84 33.08		Floor slabs Cement/m 1.1.3.Low. As building Concrete & Leveling as One Click Dumper to P2
kg/m2, B5 year 20 Self-lev (SLM), 3.01 M polytur C2 (One C EPS Ir W/mK, 600x12 kg/m3, C2 kN/m²	, EN15804+A1, ref. 018 veilling mortar , 2107.7 kg/m3, pha, additive: nctional plasticizer Click LCA) nsulation, L = 0.031 , R= 1 m2k/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen) nsulation, L = 0.031	5057.44 m2	0			Floor slabs Cement/m 1.1.3.Low. As building Concrete & Leveling as One Click Dumper to P2
kg/m2, year 2(Self-lev (SLM), 3.01 M polyfur (One C EPS Ir W/mK, 600x12, kN/m² EPS Ir W/mK (SLM), kN/m² EPS Ir W/mK	, EN15804+A1, ref. 018 welling mottar , 2107.7 kg/m3, lpa, additive: nctional plasticizer Dick LCA) nsulation, L= 0.031 , R= 1 m2K/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen) nsulation, L= 0.031 , R= 1 m2K/W,	5057.44 m2	0			Floor slabs Cement/m 1.1.3.Low. As building Concrete & Leveling as One Click Dumper to P2
kg/m2, B5 year 2(Self-lev (SLM), 3.01 M polyfur C2 (One C EPS Ir W/mk 600x12 kg/m3, C2 kN/m² EPS Ir W/mk 600x12	, EN15804+A1, ref. 018 veilling mortar , 2.107.7 kg/m3, hpa, additive: nctional plasticizer lick LCA) nsulation, L = 0.031 , R= 1 m2k/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen) nsulation, L = 0.031 , R= 1 m2k/W, 10.000 ms. R= 1 m2k/W, 10.000 mm, 16 co.000 ms. Co.000 mm, 16 co.000 ms.	5057.44 m2	0			Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling as One Click Dumper tn P2
kg/m2, B5 year 2(2 Self-lei (SL/M), 3.01 M polylur C2 (One C EPS Ir W/mK, 600x12 kg/m3, C2 kg/m3, C2 EPS Ir W/mK, 600x12 kg/m3,	, EN15804+A1, ref. 018 welling mottar velling mottar 2107.7 kg/m3, lpa, additive: nctional plasticizer lick LCA) nsulation, L= 0.031 nsulation, L= 0.031 nsulation, L= 0.031 (EPS-gruppen) nsulation, L= 0.031 mn, 16 pressure class 80 (EPS-gruppen)	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3.Low As buildin Concrete Leveling si One Click Dumper tr P2 Foundation Plastic-bar 1.1.3.Low As buildin Frost insul EPS (expit EPD Lavi Trailer con P7
kg/m2, kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	EN15804+A1, ref. 018 velling mortar ,2107.7 kg/m3, †pa, additive. nctional plasticizer Dick LCA) nsulation, L = 0.031 , R= 1 m2K/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen) nsulation, L = 0.031 , R= 1 m2K/W, 200x31 mm, 16 , pressure class 80 (EPS-gruppen)	5057.44 m2	0			Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling as One Click Dumper tn P2
kg/m2, kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	EN15804+A1, ref. 018 velling mortar 2107.7 kg/m3, 4pa, additive. noctional plasticizer 2lick LCA) nsulation, L = 0.031 i, R= 1 m2k/W, 200x31 mm, 16 pressure class 80 (EPS-gruppen) nsulation, L = 0.031 i, R=1 m2k/W, 200x31 mm, 16 pressure class 80 (EPS-gruppen) nsulation, L= m2 m2k/W, 200x31 mm, 16 pressure class 80 (EPS-gruppen) -mix concrete,	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3 Low As buildin Concrete & Leveling si One Click Dumper tri P2 Foundation Plastic-bas 1.1.3 Low As buildin Frost insul EPS (expe EPD Lavi Trailer con P7
kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	EN15804-A1, ref. 018 veilling mortar 2107.7 kg/m3, hpa, additive netional plasticizer 2107.7 kg/m3, hpa, additive netional plasticizer 216k.t.CA) resultation, Le 0.031 ; R= 1 m2K/W, 200.631 mm, 16 pressure class 80 (EPS-gruppen) sudation, Le 0.031 ; R= 1 m2K/W, 200.031 mm, 16 pressure class 80 (EPS-gruppen) - nick concrete, setteregith, generic, setteregith, generic, setteregith, generic,	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3 Low As buildin Concrete & Leveling si One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Frost insul EPS (expe EPD Lavi Trailer con P7
kg/m2, kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	ENTS04+A1, ref. D18 welling mortar .2107.7 kg/m3, fpa, additive .moltonal plasticizer .2107.7 kg/m3, fpa, additive .moltonal plasticizer .2107.8 kg/m3, fpa, additive .moltonal plasticizer .2104.1 kg/m3, resusulation, L = 0.031 .R=1 m2k/W, .2000x31 mm, 16 .pressure class 80 (EPS-gruppen) .msulation, L = 0.031 .R=1 m2k/W, .2000x31 mm, 16 .pressure class 80 (EPS-gruppen) .mix concrete, .esterogith, generic, .2400x5400 PSI),	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3 Low As buildin Concrete & Leveling si One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Frost insul EPS (expe EPD Lavi Trailer con P7
kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	ENTS04+A1, ref. 1018 validity and the control of th	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3 Low As buildin Concrete & Leveling si One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Frost insul EPS (expe EPD Lavi Trailer con P7
kg/m2, kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	EN15804+A1, ref. 1018 veilling mortaar veilling mortaar 2,101.7 kg/m3, fpa, additive: celloral plasticizer reloral plasticizer resolution, L = 0,031 resolution, L = 0,031 resolution, L = 0,031 (EPS-gruppen) subdation, L = 0,031 R = 1 m2KW, 200A31 mm, 16 pressure class 80 (EPS-gruppen) coloxi31 mm, 16 pressure class 80 pressure class 80	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08	77.47	Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling at One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete c EPS (expat EPD Law) Trailer con P7
	ENTS04+A1, ref. D18 veilling mortar 2,107.7 kg/m3, fpa, additive: entional plasticizer Click LCA), ref. and self-self-self-self-self-self-self-self-	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08	77.47	Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling at One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete c EPS (expat EPD Law) Trailer con P7
Sg/m2,	ENTS04+A1, ref. D18 veilling mortar 2,107.7 kg/m3, fpa, additive: entional plasticizer Click LCA), ref. and self-self-self-self-self-self-self-self-	5057.44 m2 101.15 m3 2699.36 m2	0	33.08	33.08	Floor slabi Cement/m 1.1.3.Low As buildin Concrete Leveling si One Click Dumper tr P2 Foundation Plastic-bar 1.1.3.Low As buildin Frost insul EPS (expit EPD Lavi Trailer con P7
B5 year 2,	EN15904-A1, ref. of 18 veiling mortar veiling ve	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08	77.47	Floor slabs (Cement/m 1.1.3.Low) As building Concrete (Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low) Floor slabs (Plastic-bas 1.1.3.Low) As building Frost insul EPS (expl. EPD Law) Trailer con P7 Floor slabs (Plastic-bas 1.1.3.Low) Lambda = As building Concrete (EPS (expl. EPD Law) Trailer con P7
Signar Signar	ENTS04+A1, ref. 1018 velling mortar velling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08 77.47	77.47 10655.24	Floor slabs Cement/m 1.1.3.Low As building Concrete & Leveling so One Click Dumper tr P2 Foundation Plastic-bar 1.1.3.Low As building Frost insul EPS (expe EPD Law Trailer con P7 Floor slabs Plastic-bar 1.1.3.Low Lambda = As building Concrete & EPS (expe EPD Law Trailer con P7 Floor slabs Concrete & 1.1.3.Low As building Concrete & Ready-mb One Click Dumper tr P2
	ENTS04+A1, ref. 1018 veilling mortar veilling mortar 2107.7 kg/m3, lpa, additive carbon since carbon since carbon carbon since carbon since carbon since carbon since carbon	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08	77.47	Floor slabs Cement/m 1.1.3.Low As building Concrete & Leveling so One Click Dumper tr P2 Foundation Plastic-bar 1.1.3.Low As building Frost insul EPS (expe EPD Law Trailer con P7 Floor slabs Plastic-bar 1.1.3.Low Lambda = As building Concrete & EPS (expe EPD Law Trailer con P7 Floor slabs Concrete & 1.1.3.Low As building Concrete & Ready-mb One Click Dumper tr P2
Signar S	ENTS04+A1, ref. 018 veiling mortar value (1970), pp. 2010.78 (g/m), pp	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	0	33.08 77.47	77.47 10655.24	Floor slabs Cement/m 1.1.3.Low As building Concrete & Leveling so One Click Dumper tr P2 Foundation Plastic-bar 1.1.3.Low As building Frost insul EPS (expe EPD Law) Trailer con P7 Floor slabs Plastic-bar 1.1.3.Low Lambda = As building Concrete & EPS (expe EPD Law) Trailer con P7 Floor slabs Concrete & 1.1.3.Low As building Concrete & Ready-mib One Click Dumper tr P2
Sg/m2, S	EN15904-A1, ref. 1018 vielling mortar 2107.7 kg/m3, Ipa, additive: 2107.7 kg/m3, Ipa, additive: Clinic LCO.3 Clinic LCO.3	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	0	33.08 77.47 9655.24 3.87	77.47 10855.24 3.87	Floor slabs Cement/m 1.1.3.Low As building Concrete & Leveling & One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expa EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete & EPS (expa EPD Law) Trailer con P7 Floor slabs Concrete (1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2
kg/m2, kg/m2, kg/m2, kg/m2, kg/m3, k	ENTS04+A1, ref. 018 veiling mortar value (1970), pp. 2010.78 (g/m), pp	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete c EPS (expat EPD Law) Trailer con P7 Floor slabs Concrete (1.1.3.Low As building Concrete c Ready-mix One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic me OKOBAUI Trailer con P7 Floor slabs Elect recy 1.1.3.Low 30 Concrete c Reinforcer One Click Trailer con P7
	ENTS04+A1, ref. D18 veiling mortar value (New York) (Ne	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	77.47 10855.24 3.87	Floor slabs Cement/m 1.1.3.Low As building Concrete & Leveling & One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expa EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete & EPS (expa EPD Law) Trailer con P7 Floor slabs Concrete (1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low) As building Concrete & Ready-mb One Click Dumper tr P2
Kg/m2, Kg/m3, K	ENTS04+A1, ref. of 18 veiling mortar veiling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete c EPS (expat EPD Law) Trailer con P7 Floor slabs Concrete (1.1.3.Low As building Concrete c Ready-mix One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic me OKOBAUI Trailer con P7 Floor slabs Elect recy 1.1.3.Low 30 Concrete c Reinforcer One Click Trailer con P7
Rg/m2, R	ENTS04+A1, ref. 018 veiling mortar as veiling mo	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As building Concrete c Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As building Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As building Concrete c EPS (expat EPD Law) Trailer con P7 Floor slabs Concrete (1.1.3.Low As building Concrete c Ready-mix One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic me OKOBAUI Trailer con P7 Floor slabs Elect recy 1.1.3.Low 30 Concrete c Reinforcer One Click Trailer con P7
Kg/m2, Kg/m2, Kg/m2,	ENTS04+A1, ref. 1018 veilling mortaar aveilling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As buildin Concrete c Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (expa EPD Lawl Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete c EPS (expa EPD Lawl Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete c Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic me OKOBAUI Trailer con P7 Floor slabs Sleet recy 1.1.3.Low 30 Concrete c Ready-mb One Click Trailer con P7
Kg/m2, Kg/m2, Kg/m2,	ENTS04+A1, ref. of 18 veiling mortar veiling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As buildin Concrete c Leveling as One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (expa EPD Lawl Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete c EPS (expa EPD Lawl Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete c Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic me OKOBAUI Trailer con P7 Floor slabs Sleet recy 1.1.3.Low 30 Concrete c Ready-mb One Click Trailer con P7
Rg/m2, R	ENTS04+A1, ref. 018 veiling mortar value of the control of the con	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 9655.24 3.87 3.228.89	33.08 77.47 10855.24 3.87 5.228.89 16622.39	Floor slabs Cement/m 1.1.3.Low As buildin Concrete c Leveling is One Click. Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps. EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete c EPS (exps. EPD Law) Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete c Ready-mb One Click. Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete c Plastic mc OKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 90 kg/m3 As buildin Concrete c Reinforcer One Click. Trailer con P4 1.1.3.Low
B5 year 22 Self-len	EN15904-A1, ref. 1018 veilling mortar voil 1018 veilling voil 1018 veilli	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2	1	33.08 77.47 9655.24 3.87	33.08 77.47 10655.24 3.87 5.228.89	Floor slabs Cement/m 1.1.3.Low As buildin Concrete a Leveling is One Click Dumper tri P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps. EPD Lawl Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete a EPS (exps. EPD Lawl Trailer con P7 Floor slabs Concrete 1.1.3.Low As buildin Concrete a Ready-mb One Click Dumper tri P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete a Plastic me OKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 30 Concrete a Ready-mb One Click Dumper tri P2 Floor slabs Steel recy 1.1.3.Low 30 Concrete a Plastic me OKOBAUI Trailer con P7
B5	ENTS04+A1, ref. 018 veiling mortar as veiling mortar as veiling mortar as pass, additive: Lender and the second as veiling mortar as veili	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 9655.24 3.87 3.228.89	33.08 77.47 10855.24 3.87 5.228.89 16622.39	Floor slabs Cement/m 1.1.3.Low As buildin Concrete & Leveling is One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete & EPS (exps EPD Law) Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete & Plastic me CKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 30 kg/m3 As buildin Concrete & Reinforcer One Click Trailer con P4 1.1.3.Low 1.1.
B5	EN15904-A1, ref. 1018 veilling mortar veilling veilli	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 9655.24 3.87 3.228.89	33.08 77.47 10855.24 3.87 5.228.89 16622.39	Floor slabs Cement/m 1.1.3.Low As buildin Concrete & Leveling is One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete & EPS (exps EPD Law) Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete & Plastic me CKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 30 kg/m3 As buildin Concrete & Reinforcer One Click Trailer con P4 1.1.3.Low 1.1.
Rg/m2, R	EN15904-A1, ref. 1018 veilling mortaar veilling veilli	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 9655.24 3.87 3.228.89	33.08 77.47 10855.24 3.87 5.228.89 16622.39	Floor slabs Cement/m 1.1.3.Low As buildin Concrete & Leveling is One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete & EPS (exps EPD Law) Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete & Plastic me CKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 30 kg/m3 As buildin Concrete & Reinforcer One Click Trailer con P4 1.1.3.Low 1.1.
B5	ENTS04+A1, ref. 018 veiling mortar as veiling mo	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete & Leveling s One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Concrete & EPS (exps. EPD Law) Trailer con P7 Floor slabt Concrete 1.1.3 Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P3 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P7 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P2
B5	ENTS04+A1, ref. 1018 veilling mortar as veiling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete & Leveling s One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Concrete & EPS (exps. EPD Law) Trailer con P7 Floor slabt Concrete 1.1.3 Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P3 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P7 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P2
Right Righ	ENTS04+A1, ref. 1018 velling mortar aveling mortar	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 9655.24 3.87 3.228.89	33.08 77.47 10855.24 3.87 5.228.89 16622.39	Floor slabs Cement/m 1.1.3.Low As buildin Concrete & Leveling is One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (exps EPD Law) Trailer con P7 Floor slabs Plastic-bas 1.1.3.Low Lambda = As buildin Concrete & EPS (exps EPD Law) Trailer con P7 Floor slabs Concrete c 1.1.3.Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabs Plastic-bas 1.1.3.Low 30 Concrete & Plastic me CKOBAUI Trailer con P7 Floor slabs Steel recy 1.1.3.Low 30 kg/m3 As buildin Concrete & Reinforcer One Click Trailer con P4 1.1.3.Low 1.1.
Right Righ	ENTS04+A1, ref. 018 veiling mortar as veiling mo	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete & Leveling s One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Concrete & EPS (exps. EPD Law) Trailer con P7 Floor slabt Concrete 1.1.3 Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P3 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P7 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P2
Right Righ	EN15904-A1, ref. 1018 veilling mortaar veilling veilli	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete & Leveling s One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Concrete & EPS (exps. EPD Law) Trailer con P7 Floor slabt Concrete 1.1.3 Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P3 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P7 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P2
B5	ENTS04+A1, ref. 018 veiling mortar value in protar value in	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	1	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete & Leveling s One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin Concrete & EPS (exps. EPD Law) Trailer con P7 Floor slabt Concrete 1.1.3 Low As buildin Concrete & Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low 30 Concrete Ready-mb One Click Dumper tr P3 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P7 Floor slabt Steel recy 1.1.3 Low 4As buildin Concrete Ready-mb One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P4 Floor slabt Cement/m 1.1.3 Low 4As buildin Concrete Ready-mb One Click P2
Kg/m2, Kg/m2,	ENTS04+A1, ref. 1018 veilling mortaar veilling v	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg 101.15 m3 2699.36 m2	111111111111111111111111111111111111111	33.08 77.47 77.47 3.87 3.87 3.87 3.228.89 73.74 840.53	33.08 77.47 10655.24 3.87 5.228.89 16622.39 73.74	Floor slabt Cement/m 1.1.3.Low As buildin Concrete (Leveling si One Click Dumper tr P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (expat EPD Law) Trailer con P7 Floor slabt Plastic-bas 1.1.3.Low Lambda = As buildin Concrete (EPS (expat EPD Law) Trailer con P7 Floor slabt Concrete (1.1.3.Low As buildin Concrete (Plastic-ma OKOBAU) Trailer con P7 Floor slabt Plastic-bas 1.1.3.Low 30 kg/m3 As buildin Concrete (Plastic me OKOBAU) Trailer con P7 Floor slabt Steel recy 1.1.3.Low As buildin Concrete (Reinforcer One Click Trailer con P4 1.1.3.Low As buildin Concrete (Leveling si One Click P2 Floor slabt Cement/m 1.1.3.Low As buildin Concrete (Leveling si One Click P2 Foundation Plastic-bas 1.1.3.Low As buildin Frost insul EPS (expat EPD Law) P7
	ENTS04+A1, ref. 1018 veilling mortaar aveilling	5057.44 m2 101.15 m3 2699.36 m2 5057.44 m2 5057.44 m2 136551 kg	111111111111111111111111111111111111111	33.08 77.47 77.47 3.87 3.87 2228.89 6622.39	33.08 77.47 10655.24 3.87 5.228.89 16622.39	Floor slabt Cement/m 1.1.3 Low As buildin Concrete (Leveling st One Click Dumper tr P2 Foundation Plastic-bas 1.1.3 Low As buildin, Frost insul EPS (expc EPD Law) Trailer con P7 Floor slabt Plastic-bas 1.1.3 Low Floor slabt Concrete (1.1.3 Low) As buildin Concrete (EPS (expc EPD Law) Trailer con P7 Floor slabt Concrete (1.1.3 Low) As buildin Concrete (Ready-mb One Click Dumper tr P2 Floor slabt Plastic-bas 1.1.3 Low) As buildin Concrete (Ready-mb One Click Dumper tr P2 Floor slabt Steel recy 1.1.3 Low) Floor slabt Steel recy 1.1.3 Low) As buildin Concrete (Reinforcer One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low) As buildin Concrete (Reinforcer One Click Trailer con P4 Floor slabt Cement/m 1.1.3 Low) Floor slabt Cement/m 1.1.3 Low As buildin Concrete (Leveling & One Click Dumper tr P2

	Ready-mix concrete, normal-strength, generic,											
	C30/37 (4400/5400 PSI),											
	10% (typical) recycled											
C3	binders in cement (300 kg/m3 / 18.72 lbs/ft3)	5057.44	m2	1259.5	1259.5					Floor slabs Concrete (1.1.3.Lowe	As building Concrete g Ready-mix One Click	P2
55	Damp insulation PE, 0.2		IIIZ	1238.3	1238.3					Tiour stable concrete (1.1.5.20w)	As building Concrete greatly-IIII/ One Click	12
	kg/m2, EN15804+A1, ref.		_									
C3	year 2018 Reinforcement steel	5057.44	m2	2089.09	2089.09					Floor slabt Plastic-bar 1.1.3.Lowe	30 Concrete c Plastic me ÖKOBAUI	P7
	(rebar), generic, 90%											
C3	recycled content, A615	136551	kg	297.08	297.08					Floor slabs Steel recy 1.1.3.Low 90 kg/m3	As building Concrete g Reinforcer One Click	P4
C3	Self-levelling mortar			63341.81	63341.81					1.1.3.Low		
	(SLM), 2107.7 kg/m3.											
	3.01 Mpa, additive:											
_	polyfunctional plasticizer (One Click LCA)		_									
D	EPS Insulation, L= 0.031	101.15	m3	-3780.08	-3780.08				_	Floor slabs Cement/m 1.1.3.Lowe	As building Concrete c Leveling so One Click	P2
	W/mK, R= 1 m2K/W,											
	600x1200x31 mm, 16											
D	kg/m3, pressure class 80 kN/m² (EPS-gruppen)	2699.36	2	-12379.8	-12379.8					Foundation Plastic-bar 1.1.3.Lowe	As building Frost insul EPS (expa EPD Lavl	P7
D	EPS Insulation, L= 0.031	2099.30	1112	-123/9.0	-123/9.0					Poulidation Plastic-bal 1.1.3.Lowe	AS DUIIUIII) FIOST IIISUI EF3 (EXDE EFD LAVI	F/
	W/mK, R= 1 m2K/W.											
1	600x1200x31 mm, 16 kg/m3, pressure class 80											
D	kN/m² (EPS-gruppen)	5057.44	m2	-28993	-28993					Floor slabs Plastic-bar 1.1.3.Lows Lambda =	As building Concrete of EPS (eyes EPD I avi	P7
ľ –	Ready-mix concrete,	0007.444		20993	20030						Control of the Contro	.,
1	normal-strength, generic,											
1	C30/37 (4400/5400 PSI), 10% (typical) recycled											
1	binders in cement (300											
D	kg/m3 / 18.72 lbs/ft3)	5057.44	m2	-85571.3	-85571.3					Floor slabs Concrete (1.1.3.Lowe	As building Concrete g Ready-mix One Click	P2
1	Damp insulation PE, 0.2 kg/m2, EN15804+A1, ref.											
D	year 2018	5057.44	m2	-3180.13	-3180.13					Floor slabs Plastic-bat 1.1.3.Lowe	30 Concrete c Plastic me ÖKOBAUI	P7
	Reinforcement steel				1							
l _D	(rebar), generic, 90% recycled content, A615	136551	ka	-31564.7	-31564.7					Floor cloby Steel recy 1 1 2 1 00 1 2	As building Concrete a Painforce One Cont	P4
D	recycled content, A015	130051	ny	-31564.7	-3 1304.7					Floor slabs Steel recyl 1.1.3.Low 90 kg/m3 1.1.3.Low	As bulluling Coniciete & Relitionces One Click	F4
	Self-levelling mortar											
1	(SLM), 2107.7 kg/m3, 3.01 Mpa, additive:											
1	3.01 Mpa, additive: polyfunctional plasticizer											
TOTAL	(One Click LCA)	101.15	m3	80650.05	80650.05					Floor slabs Cement/m 1.1.3.Lowe	As building Concrete c Leveling s One Click	P2
	EPS Insulation, L= 0.031											
	W/mK, R= 1 m2K/W, 600x1200x31 mm, 16											
1	kg/m3, pressure class 80											
TOTAL	kN/m² (EPS-gruppen)	2699.36	m2	60335.83	60335.83					Foundation Plastic-bar 1.1.3.Lowe	As building Frost insul EPS (expa EPD Lavil	P7
	EPS Insulation, L= 0.031 W/mK, R= 1 m2K/W.											
	W/mK, R= 1 m2K/W, 600x1200x31 mm, 16											
	kg/m3, pressure class 80											
TOTAL	kN/m² (EPS-gruppen)	5057.44	m2	141304.3	141304.3					Floor slabs Plastic-bas 1.1.3.Low Lambda =	As building Concrete c EPS (expa EPD Lavi	P7
l	Ready-mix concrete, normal-strength, generic.											
I	C30/37 (4400/5400 PSI),											
	10% (typical) recycled											
TOTAL	binders in cement (300 kg/m3 / 18.72 lbs/ft3)	5057.44	m2	463939.6	463939.6					Floor slabs Concrete (1.1.3.Lowe	As building Concrete g Ready-mix One Click	P2
TOTAL	Damp insulation PE, 0.2			403339.0	-1000000.0						Onlord y Neady-IIID One Click	12
L	kg/m2, EN15804+A1, ref.		1.							L L		
TOTAL	year 2018 Reinforcement steel	5057.44	m2	8564.55	8564.55				_	Floor slabs Plastic-ba: 1.1.3.Lowe	30 Concrete c Plastic me ÖKOBAUI	P7
	(rebar), generic, 90%											
TOTAL	recycled content, A615	136551	kg	161849.5	161849.5					Floor slabs Steel recy 1.1.3.Lows 90 kg/m3 1.1.3.Low	As building Concrete g Reinforcer One Click	P4
TOTAL	Self-levelling mortar	-	-		 -					1.1.3.Low		
I	(SLM), 2107.7 kg/m3,											
	3.01 Mpa, additive:											
hiaC	polyfunctional plasticizer	404.4-	3	_						Floor slobe Communities 4.4.3.1	As building Comments of the Co	50
bioC	(One Click LCA) EPS Insulation, L= 0.031	101.15	ina	0	0		 			Floor slabs Cement/m 1.1.3.Lowe	As building Concrete g Leveling so One Click	P2
1	W/mK, R= 1 m2K/W,											
	600x1200x31 mm, 16											
bioC	kg/m3, pressure class 80 kN/m² (EPS-gruppen)	2699.36	m2							Foundation Plastic-bar 1.1.3.Lowe	As building Frost insul EPS (expa EPD Lavl	D7
5100	EPS Insulation, L= 0.031	2000.30	2		- 0					r ourseast Filastic-bal 1.1.3.EUW	, to business I look should be o texpe EFD Laws	17
	W/mK, R= 1 m2K/W,											
	600x1200x31 mm, 16											
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80		m2	0	0					Floor slabs Plastic-bar 1.1.3.Lows Lambda =	As building Concrete c EPS (expa EPD Lavi	P7
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete,	5057.44	m2	0	0					Floor slabs Plastic-bat 1.1.3.Lows Lambda =	As building Concrete c EPS (expa EPD Lavl	P7
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic,		m2	0	0					Floor slabs Plastic-bai 1.1.3.Low Lambda =	As building Concrete c EPS (exps EPD Lavl	P7
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI),		m2	0	0					Floor slabs Plastic-bai 1.1.3.Low Lambda =	As buildin Concrete c EPS (exps EPD Lavi	P7
	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 106 (typical) recycled binders in cement (300	5057.44		0	0							P7
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kly/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/fl3)			0	0						As buildin Concrete c EPS (exps EPD Lavi As buildin Concrete c Ready-mb One Click	P7
	600x1200x31 mm, 16 kg/m3, pressure class 80 kl/m³ (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/fl3) Damp insulation PE, 0.2	5057.44	m2	0	0					Floor slabe Concrete (1.1.3.Low)	As building Concrete c Ready-mb One Click	
	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) necycled binders in cement (300 kg/m3 / 18.72 lbs/ft3) Damp insulation PE, 0.2 kg/m2, EN15904+A1, ref. year 2018	5057.44	m2	0	0							P7
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PS1), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/ft3) Damp insulation PE, 0.2 kg/m2, ENTS904+A1, ref. year 2018 Reinforcement steel	5057.44	m2	0	0					Floor slabe Concrete (1.1.3.Low)	As building Concrete c Ready-mb One Click	
bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kM/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PSI), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/m³). Damp insulation PE, 0.2 kg/m2, EN15904+A1, ref. year 2018 Reinforcement steel (rebar), generic, 30%	5057.44 5057.44	m2 m2	0	0					Floor slab: Concrete (1.1.3.Low) Floor slab: Plastic-ba: 1.1.3.Low) Floor slab: Steet mov 1.1.3.Low 90 kn/m3	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	P7
bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, normal-strength, generic, C30/37 (4400/5400 PS1), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/ft3) Damp insulation PE, 0.2 kg/m2, ENTS904+A1, ref. year 2018 Reinforcement steel	5057.44	m2 m2	0	0					Floor slab: Concrete (1.1.3.Low) Floor slab: Plastic-ba: 1.1.3.Low) Floor slab: Steet mov 1.1.3.Low 90 kn/m3	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	
bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, co3/372 (4400/640 PSI), 10% (typical) recycled binders in cement (300 kg/m3 / 18.72 lbs/m3) Damp Insulation PE 0.2 kg/m2, ENI 5604 +41, red. February (red.) (rebar), generic, 90% recycled content, A615	5057.44 5057.44	m2 m2	0 0 0 4202229 916643.8	0 0 0 916643.8					Floor slabs Concrete c 1.1.3.Low Floor slabs Plastic-ba. 1.1.3.Low Floor slabs Steel recy 1.1.3.Low 90 kg/m3. 1.1.3.Low 90 kg/m3.	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	P7
bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix conference, CS03/37 (460/360 PS1), Similar sin cament (300 km/m3 / 18.27 Lbs/m3) Damp insulation PE, 0.2 kg/m2, ENIS904+41, ref. year 2018 Reinforcement steel (rebur), genetic, 90% covcided cortectin, 816 Self-levelling mortar	5057.44 5057.44	m2 m2	0 0 0 4202229 916643.8	0 0 0 916643.8					Floor slab: Concrete (1.1.3.Low) Floor slab: Plastic-ba: 1.1.3.Low) Floor slab: Steet mov 1.1.3.Low 90 kn/m3	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	P7
bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, con3/37 (44005400 PSI), 10% (typical) recycled inders in center (300 kg/m3 / 18.72 lbs/m3) Damp insulation FE, 0.2 kg/m2, EN15604+A1, red, year 2010 kg/m3, generic, 90% recycled content, A615 Self-levelling mortar Self-levelling mortar	5057.44 5057.44	m2 m2	0 0 0 0 4202229 916643.8	0 0 0 916643.8					Floor slab: Concrete (1.1.3.Low) Floor slab: Plastic-ba: 1.1.3.Low) Floor slab: Steet mov 1.1.3.Low 90 kn/m3	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	P7
bioC bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, co3/372 (44005400 PSI), 10% (typical) recycled inders in center (300 kg/m3 / 18.72 lbs/m3) Damp insulation PE, 0.2 kg/m2, EN15604+A1, red, vesez 2018 Reinforcement stoel (velar), generic, 90% recycled content, A615 Seif-levelling mortar (SLM), 2107.7 kg/m3, 3.01 Mpa, additive: polyfunctional plasticizer	5057.44 5057.44 5057.44 136551	m2 m2 kg		0 0 0 916643.8				4171094	Floor slabt Concrete (1.1.3.Low Floor slabt Plastic-bai 1.1.3.Low Floor slabt Steel recy 1.1.3.Low 90 kg/m3 1.1.3.Low	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me OKOBAUI As buildin Concrete c Reinforcer One Click	P7
bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, co30/37 (4400/360 PSI), 1010 (50)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37 (450)x37	5057.44 5057.44	m2 m2 kg	0 0 0 4202229 916643.8 213193.9 70265.96	0 0 0 0 916643.8	70265.96		0	4171094	Floor slabt Concrete (1.1.3.Low Floor slabt Plastic-bai 1.1.3.Low Floor slabt Steel recy 1.1.3.Low 90 kg/m3 1.1.3.Low	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me ÖKOBAUI	P7
bioC bioC bioC	600x1200x31 mm, 16 kg/m3, pressure class 80 kN/m² (EPS-gruppen) Ready-mix concrete, co3/372 (44005400 PSI), 10% (typical) recycled inders in center (300 kg/m3 / 18.72 lbs/m3) Damp insulation PE, 0.2 kg/m2, EN15604+A1, red, vesez 2018 Reinforcement stoel (velar), generic, 90% recycled content, A615 Seif-levelling mortar (SLM), 2107.7 kg/m3, 3.01 Mpa, additive: polyfunctional plasticizer	5057.44 5057.44 5057.44 136551	m2 m2 kg		0 0 0 916643.8			0 100420.1	4171094	Floor slabt Concrete (1.1.3.Low Floor slabt Plastic-bai 1.1.3.Low Floor slabt Steel recy 1.1.3.Low 90 kg/m3 1.1.3.Low	As buildin Concrete c Ready-mb One Click 30 Concrete c Plastic me OKOBAUI As buildin Concrete c Reinforcer One Click As buildin Wooden ic Leveling s One Click	P7

Glass wool insulation panels, unfaced, generic																			
L = 0.031 W/mK, R =	,																		
3.23 m2K/W (18																			
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	.																		
(1.56 lbs/ft3), (applicable for densities: 0-25 kg/m3																			
(0-1.56 lbs/ft3)),																			
A1-A3 Lambda=0.031 W/(m.K)	4314 m2	24266.25	27055.36		27055.36					0		Floor slabs Landfilli	ng 2.2.1.Flo	or Quantity a	As building Woo	den jc Glass	woo One Click	F	P3
Gypsum plaster board,																			
regular, generic, 6.5-25																			
mm (0.25-0.98 in), 10.72	25																		
kg/m2 (2.20 lbs/ft2) (for																			
12.5 mm/0.49 in), 858					16265.16														P232
A1-A3 kg/m3 (53.6 lbs/ft3) Particleboard, uncoated,	5057.44 m2	56412.53	16265.16		16265.16					0	56412.53	Floor slabs Gypsun	1 ft 2.2.1.Flo	OI /	As building Woo	den jc Regul	ar gy One Click	- F	P232
- 48 x 590 - 2850 x 1025	i-																		
6250 mm, 611 kg/m3																			
A1-A3 (Sonae Indústria)	5057.44 m2	67982.11			36049.68					116826.9		Floor slabs Wood in	nci 2.2.1.Flo	0 /	As building Woo	den jo Partic	eboi EPD	F	P5
A1-A3 Self-levelling mortar		431485.7	159692.1		159692.1					226247	269606.4		2.2.1.Flo	10					
(SLM), 2107.7 kg/m3,																			
3.01 Mpa, additive:																			
polyfunctional plasticizer																			
A4 (One Click LCA) Planed timber, conifer	101.15 m3		408.19		408.19							Floor slabs Cemen	/m 2.2.1.Flo	OI /	As building Woo	den jc Leveli	ng si One Click	- F	P2
A4 (Treindustrien)	743.444 m2		3999.53		3999.53							Floor slabs Wood in	nci 2 2 1 Flo	or Ouantity a	As building Woo	den ir Plain	voor Structural	-	P5
Glass wool insulation	740.444 1112		0000.00		0000.00							TIOO SIGD! WOOD II	IOI E.E. I.I IO	or addition of a	to building vioc	don je i idin	TOOL OHIGOTORICA		
panels, unfaced, generic	,																		
L = 0.031 W/mK, R =																			
3.23 m2K/W (18 ft2°Fh/BTU), 25 kg/m3																			
(1.56 lbs/ft3), (applicable																			
for densities: 0-25 kg/m3	3																		
(0-1.56 lbs/ft3)),			070 77		070 7-							L	05:-						-
A4 Lambda=0.031 W/(m.K)	4314 m2		278.77		278.77				_			Floor slabs Landfilli	ng 2.2.1.Flo	or Quantity a	as building Woo	den jc Glass	woo One Click	F	P3
Gypsum plaster board,																			
regular, generic, 6.5-25																			
mm (0.25-0.98 in), 10.72	25																		
kg/m2 (2.20 lbs/ft2) (for																			
12.5 mm/0.49 in), 858 A4 kg/m3 (53.6 lbs/ft3)	5057.44 m2		648.05		648.05							Floor slabs Gypsun	n 221 Eh		As huilding Woo	den ir Regul	ar g\ One Click		P232
Particleboard, uncoated.			040.03		040.00							I loci siabi Gypsuli	111 2.2.1.110	,	AS DUINGILI, WOO	deli je ivegal	a grone click		7 202
- 48 x 590 - 2850 x 1025	i -																		
6250 mm, 611 kg/m3																	.		
A4 (Sonae Indústria)	5057.44 m2		780.96		780.96							Floor slabs Wood is	1ci 2.2.1.Flo	0 /	As building Woo	den ic Partic	eboi EPD	F	P5
Self-levelling mortar			6115.5		6115.5								2.2.1.Flo						
(SLM), 2107.7 kg/m3,																			
3.01 Mpa, additive:																			
polyfunctional plasticizer																			
A5 (One Click LCA) Planed timber, conifer	101.15 m3	2//15.2	9278.32		9278.32						2//15.2	Floor slabs Cemen	/m 2.2.1.Flo	OI /	As building Woo	den id Leveli	ng si One Click	- F	P2
A5 (Treindustrien)	743.444 m2	12463.94	2723.92		2723.92							Floor slabs Wood is	nci 2.2.1.Flo	or Quantity a	As building Woo	den ic Plain	voor Structural	F	P5
Glass wool insulation																			
panels, unfaced, generic	,																		
L = 0.031 W/mK, R = 3.23 m2K/W (18																			
ft2°Fh/BTU), 25 kg/m3																			
(1.56 lbs/ft3), (applicable	•																		
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)).	3																		
A5 Lambda=0.031 W/(m.K)	4314 m2	1941 3	2197.46		2197.46							Floor slabs Landfilli	ng 2 2 1 Flo	or Ouantity a	As building Woo	den ir Glass	woo One Click		P3
	4014 1112	1041.0	2101.40		2101.40							Troor Stabt Editoriii	194 2.2.1.110	or addition of a	to building vioc	don je oldoo	WOO ONE CHOK		
Gypsum plaster board,																			
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.73																			
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for																			
12.5 mm/0.49 in), 858																			
A5 kg/m3 (53.6 lbs/ft3)	5057.44 m2	7051.57	2273.9		2273.9						7051.57	Floor slabs Gypsun	n n 2.2.1.Flo	0 /	As building Woo	den jc Regul	ar gy One Click	F	P232
Particleboard, uncoated, - 48 x 590 - 2850 x 1025																			
6250 mm, 611 kg/m3																			
A5 (Sonae Indústria)	5057.44 m2	11353.01	6340.16		6340.16							Floor slabs Wood in	nci 2.2.1.Flo	0 /	As building Woo	den jc Partic	eboi EPD	F	P5
A5		60525.02	22813.76		22813.76						34766.77		2.2.1.Flo	10					
Self-levelling mortar (SLM), 2107.7 kg/m3,																			
(SLM), 2107.7 kg/m3, 3.01 Mpa, additive:																			
polyfunctional plasticizer	.																		
B3 (One Click LCA)	101.15 m3		0		0							Floor slabs Cement	/m 2.2.1.Flo	0 /	As building Woo	den jc Leveli	ng s One Click	F	P2
Planed timber, conifer R3 (Treindustrien)	743.444 m2											Floor alat	2215						DE
Glass wool insulation	743.444 m2	_	U		U						_	Floor slabs Wood in	IUI Z.Z.1.FI0	or Quantity a /	45 DUIIDIN WOO	uen jo Piain	voor Structural	F	P5
panels, unfaced, generic	,																		
L = 0.031 W/mK, R =																			
3.23 m2K/W (18 ft2°Fh/BTU), 25 kg/m3																			
tt2"Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	,																		
for densities: 0-25 kg/m3	3																		
(0-1.56 lbs/ft3)),													1	1					
B3 Lambda=0.031 W/(m.K)	4314 m2		0		0	-	+					Floor slabs Landfilli	ng 2.2.1.Flo	or Quantity a	As building Woo	den jd Glass	woo One Click	F	P3
Gypsum plaster board,																			
regular, generic, 6.5-25																			
mm (0.25-0.98 in), 10.72	25																		
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858																			
12.5 mm/0.49 in), 858 B3 kg/m3 (53.6 lbs/ft3)	5057.44 m2		0		0							Floor slabs Gypsun	n 221 Flo	o .	As building Woo	den ir Regul	er av One Click		P232
Particleboard, uncoated,	8													1	7700	re recycli	a, one onek		
- 48 x 590 - 2850 x 1025	i -																		
6250 mm, 611 kg/m3												L					.t. FDD		
DO (Conne Indicate)			0		0							Floor slabs Wood in	101 2.2.1.Flo	0 /	As building Woo	aen (d Partic	epo; EPD	F	P5
B3 (Sonae Indústria)	5057.44 m2												2.2.1.Flo						

Self-levelling n	g mortar											
(SLM), 2107.7 3.01 Mpa, add	ddition											
polyfunctional	al plasticizer											
C2 (One Click LC.	CA)	101.15	n3 623.8	4	623.84		Fic	oor slabs Cement/m 2.2.1.Floor	As building W	Vooden je Leveling s One C	lick Dumper to	P2
Planed timber												
C2 (Treindustrien)		743.444	n2 266.6	4	266.64	 	Flo	oor slabs Wood inci 2.2.1.Floor Quantity a	As building W	ooden jc Plain wood Struct	ural Trailer con	P5
Glass wool ins												
L = 0.031 W/n	I/mK R =											
3.23 m2K/W (V (18											
ft2°Fh/BTU), 2	, 25 kg/m3											
(1.56 lbs/ft3),), (applicable											
for densities: 0	: 0-25 kg/m3											
(0-1.56 lbs/ft3)	t3)),											
C2 Lambda=0.03	031 W/(m.K)	4314	n2 71.0	1	71.01		Flo	oor slabs Landfilling 2.2.1.Floor Quantity a	As building W	/ooden jc Glass woo One C	iick Dumper tri	P3
Communication of the state of t	atar bassed											
Gypsum plaste	eric 6 5-25											
regular, generi mm (0.25-0.98	98 in) 10 725											
kg/m2 (2.20 lb	lbs/ft2) (for											
12.5 mm/0.49	49 in), 858											
C2 kg/m3 (53.6 lb	lbs/ft3)	5057.44	n2 1238.0	5	1238.05		Fic	oor slabs Gypsum n 2.2.1.Floor	As building W	Vooden ic Regular gy One C	lick Dumper tn	P232
Particleboard,	d, uncoated, 8											
- 48 x 590 - 28	2850 x 1025 -											
6250 mm, 611	11 kg/m3	5057.44	n2 260.3		260.32						T	p.c
C2 (Sonae Indúst	istria)	5057.44	n2 200.3.			 	Fid	oor slabs Wood inci 2.2.1.Floor	AS Dulidinį VV	Vooden jc Particlebox EPD	Trailer con	P5
Self-levelling n	mortor		2459.8	5	2459.85	 		2.2.1.Floo				
(SLM), 2107.7	7.7 kg/m3											
3.01 Mpa, add	dditive:											
polyfunctional												
C3 (One Click LC		101.15	n3 73.7	4	73.74		Fic	oor slabs Cement/m 2.2.1.Floor	As building W	Vooden ic Leveling s One C	lick	P2
Planed timber	er, conifer											
C3 (Treindustrien)	en)	743.444	n2 110315.	4	110315.4	 	Flo	oor slabs Wood inci 2.2.1.Floor Quantity a	As building W	ooden je Plain wood Struct	ural	P5
Glass wool ins panels, unface	nsulation											
L = 0.031 W/n	I/mK R =											
3.23 m2K/W (/ (18											
ft2°Fh/BTU), 2	. 25 kg/m3											
(1.56 lbs/ft3),), (applicable											
for densities: 0	: 0-25 kg/m3											
(0-1.56 lbs/ft3)	t3)),											
C3 Lambda=0.03	031 W/(m.K)	4314	m2	0	0		Flo	oor slabs Landfilling 2.2.1.Floor Quantity a	As building W	/ooden ic Glass woo One C	lick	P3
Gypsum plaste regular, generi	ster board,											
	.98 in), 10.725											
kg/m2 (2.20 lb	.90 III), 10.723											
12.5 mm/0.49	49 in) 858											
C3 kg/m3 (53.6 lb	Ibs/ft3)	5057.44	m2 39.9	5	39.95		Fir	oor slabs Gypsum n 2.2.1.Floor	As building W	Vooden je Regular gy One C	lick	P232
Particleboard,	d, uncoated, 8											
- 48 x 590 - 28	2850 x 1025 -											
6250 mm, 611	11 kg/m3											
C3 (Sonae Indúst	stria)	5057.44			117700.9		Flo	oor slabs Wood inci 2.2.1.Floor	As building W	Vooden jc Particlebox EPD		P5
Glass wool ins	noviation		22813	0	228130			2.2.1.Floo				
panels, unface												
L = 0.031 W/n												
3.23 m2K/W (/ (18											
ft2°Fh/BTU), 2	25 kg/m3											
(1.56 lbs/ft3),), (applicable											
for densities: 0	: 0-25 kg/m3											
(0-1.56 lbs/ft3)	t3)),											
C4 Lambda=0.03	031 W/(m.K)	4314	n2 63.	1	63.1		Fic	oor slabs Landfilling 2.2.1.Floor Quantity a	As building W	/ooden ic Glass woo One C	lick Inert mate	P3
Self-levelling n	mortar											
(SLM), 2107.7												
3.01 Mpa, add polyfunctional												
D (One Click I C		101.15	m3 -3780.0	R	-3780.08			oor slabs Cement/m 2.2.1.Floor	As huilding 14	Vooden jc Leveling s One C	lick	P2
Planed timber.	er. conifer					 						
D (Treindustrien)	en)	743.444	n2 -5100	9	-51009		Fir	oor slabs Wood inci 2.2.1.Floor Quantity a	As building W	/ooden jc Plain wood Struc'	ural	P5
, ,									- 1			
Gypsum plaste	ster board,											
regular, generi	eric, 6.5-25											
mm (0.25-0.98	.98 in), 10.725											
kg/m2 (2.20 lb	Ibs/ft2) (for											
12.5 mm/0.49		E0E7 44	-2		120.6				An hudder 14	dender i Bernier -	· Unit	Daga
D kg/m3 (53.6 lb	d uncoated 9	5057.44	n2 -139.	0	-139.6	 	Flo	oor slabs Gypsum n 2.2.1.Floor	45 Dullaini W	Vooden ic Regular gv One C	JUR	P232
Particleboard, - 48 x 590 - 28	2850 v 1025											
6250 mm, 611												
D (Sonae Indústi		5057.44	n2 -49009.	9	-49009.9		Fir	oor slabs Wood inci 2.2.1.Floor	As building V	Vooden jc Particlebo: EPD		P5
D			40000.					2.2.1.Floo				
Self-levelling n	g mortar											
(SLM), 2107.7	7.7 kg/m3,											
3.01 Mpa, add	dditive:											
	al plasticizer	40		_	20050 05						NE - I	
polyfunctional	LCA)	101.15	n3 80650.0	0	80650.05	 	Flo	oor slabs Cement/m 2.2.1.Floor	As building W	Vooden ic Leveling s One C	ilCK	P2
TOTAL (One Click LC.	er, coniter	743.444	n2 17941.3	2	17941.33			oor slabs Wood inci 2.2.1.Floor Quantity a	Ac buildie M	Jooden ir Plain waa	ural	P5
TOTAL (One Click LC. Planed timber.		140.444	1/941.3	9	17 091.33	 	Fic	AN MADE WOULD HIGH Z.Z. 1. FIDOI QUANTITY A	20 nangiui M	oouen ju main wood Struct	al di	175
TOTAL (One Click LC Planed timber TOTAL (Treindustrien)	en)	1										
TOTAL (One Click LC. Planed timber, TOTAL (Treindustrien) Glass wool ins	insulation											
TOTAL (One Click LC. Planed timber, TOTAL (Treindustrien) Glass wool ins panels, unface	nsulation ced, generic,											
TOTAL (One Click LC. Planed timber, TOTAL (Treindustrien) Glass wool ins	nsulation ced, generic, //mK, R =											
TOTAL (One Click LC. Planed timber, (Treindustrien) Glass wool ins panels, unface L = 0.031 W/n 3.23 m2K/W (nsulation ced, generic, //mK, R = // (18											
TOTAL (One Click LC Planed timber, TOTAL (Treindustrien) Glass wool ins panels, unface L = 0.031 W/n 3.23 m2K/W (ft2*Fh/BTU), 2	nsulation iced, generic, I/mK, R = V (18 , 25 kg/m3											
TOTAL (One Click LC. Planed timber. (Treindustrien) Glass wool ins panels, unface L = 0.031 W/n 3.23 m2KW(ft2"Fh/BTU), 2. (1.56 lbs/ft3), for densities: C	nsulation ced, generic, //mK, R = // (18 , 25 kg/m3), (applicable : 0-25 kg/m3											
TOTAL (One Click LC. Planed timber, (Treindustrien) Glass wool ins panels, unface L = 0.031 W/m 3.23 m2K/W (ft2*Fh/BTU), (1.56 lbs/ft3), for densities: C (0-1.56 lbs/fts)	insulation iced, generic, //mK, R = V (18 , 25 kg/m3), (applicable : 0-25 kg/m3 13)),											
TOTAL (One Click LC. Planed timber. (Treindustrien) Glass wool ins panels, unface L = 0.031 W/r 3.23 m2K/W (ft2"Fh/BTU), 2 (1.56 lbs/ft3),	insulation iced, generic, //mK, R = V (18 , 25 kg/m3), (applicable : 0-25 kg/m3 13)),	4314	n2 29665.6i	8	29665.68		Fic	oor slabs Landfilling 2.2.1.Floor Quantity a	\s buildin W	ooden je Glass woo One C	lick	P3

Gypsum plaster board,														
regular, generic, 6.5-25														
mm (0.25-0.98 in), 10.72	25													
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858														
TOTAL kg/m3 (53.6 lbs/ft3)	5057.44 r	n2 2	0465.12		20465.12					Floor slabs Gypsum n 2.2.1.Floor	As building	Vooden je Regular gy One Click		P232
Particleboard, uncoated,	, 8													
- 48 x 590 - 2850 x 1025 6250 mm, 611 kg/m3	5 -													
TOTAL (Sonae Indústria)	5057.44 r	n2 4	4305.18		44305.18					Floor slabs Wood inci 2.2.1.Floor	As building	Vooden jc Particlebox EPD		P5
TOTAL										2.2.1.Floo				
Self-levelling mortar														
(SLM), 2107.7 kg/m3, 3.01 Mpa, additive:														
polyfunctional plasticizer	r													
bioC (One Click LCA) Planed timber, conifer	101.15 r	n3	0		0					Floor slabs Cement/m 2.2.1.Floor	As building	Vooden ic Leveling s One Click		P2
bioC (Treindustrien)	743.444 r	n2	-109420		-109420					Floor slabs Wood inci 2.2.1.Floor Quan	tity a As building	Vooden ir Plain woor Structural		P5
Glass wool insulation											.,			1.0
panels, unfaced, generic L = 0.031 W/mK, R =	3,													
3.23 m2K/W (18														
ft2°Fh/BTU), 25 kg/m3														
(1.56 lbs/ft3), (applicable for densities: 0-25 kg/m3														
(0-1.56 lbs/ft3)),	3													
bioC Lambda=0.031 W/(m.K)) 4314 r	n2	0		0					Floor slabs Landfilling 2.2.1.Floor Quan	tity a As building	Wooden jc Glass woo One Click		P3
Gypsum plaster board.														
regular, generic, 6.5-25														
mm (0.25-0.98 in), 10.72	25													
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858														
bioC kg/m3 (53.6 lbs/ft3)	5057.44 r	n2	0		0					Floor slabs Gypsum n 2.2.1.Floor	As building	Vooden jc Regular gy One Click		P232
Particleboard, uncoated,	. 8													
- 48 x 590 - 2850 x 1025 6250 mm, 611 kg/m3	o -													
bioC (Sonae Indústria)	5057.44 r	n2	-116827		-116827					Floor slabs Wood inci 2.2.1.Floor	As building	Vooden je Particlebo EPD		P5
bioC (Sonae Indústria) bioC			-226247		-226247					2.2.1.Floo				
Planed timber, conifer		492010.7 1	93027.4		193027.4			226247	304373.2	2.2.1.Floo				
A1-A3 (Treindustrien)	202.3 r	n3 84966 1	2270.65		12270.65			133518		Floor slabs Wood inci 2.3.Roofs Assur	ned As building	Vooden fr Plain wood Structural	<u> </u>	P5
Planed timber, conifer														
A1-A3 (Treindustrien) Damp insulation PE, 0.2	455.17 r	n2 4396.94	635	+ + + - +	635			6909.48		Floor slabs Wood inci 2.3.Roofs Quan	tity a As building	Vooden fr Plain wood Structural	-	P5
kg/m2, EN15804+A1, re	ef.													
A1-A3 year 2018	5057.44 r	n2 1011.49	1927.29		1927.29			0		Floor slabs Plastic-bas 2.3.Roofs	30	Vooden fr Plastic me ÖKOBAUI	I .	P7
Glass wool insulation panels, unfaced, generic	.													
L = 0.031 W/mK, R =	,													
3.23 m2K/W (18														
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	_													
for densities: 0-25 kg/m3														
(0-1.56 lbs/ft3)),														
A1-A3 Lambda=0.031 W/(m.K) Oriented strand board) 5057.44 r	n2 37930.8 4	2290.48		42290.48			0		Floor slabs Landfilling 2.3.Roofs	As building	Wooden fr Glass woo One Click		P3
(OSB), generic, 9.5-28.5	5													
mm (0.37-1.12 in), 610														
kg/m3 (38.1 lbs/ft3), min	n.	.0 40075 50 4	0070 00		40070.00			20005.04		5				D.F.
A1-A3 G4-2 PVC based, multi-layer.	5057.44 r	n2 46275.58 1	0670.99		16670.99			36695.34		Floor slabs Wood inci 2.3.Roofs	As building	Vooden fr Oriented s One Click		P5
synthetic waterproofing														
roof sheet, non-woven														
glass inlay, polyester backing, 1.2 mm, Sarnal	afil													
A1-A3 G410EL Felt (Sika)	5057.44 r	n2 7080.42	26056.1		26056.1			0		Floor slabs Plastic-bar 2.3.Roofs	30	Vooden fr Plastic me EPD Sarn		P7
Concrete roof tiles, Avg. thickness per m2: 22.4														
mm, 334x420 mm, 2100	0													
A1-A3 kg/m3 (Eternit)	5057.44 r				54246.61			0	237902	Floor slabs Rebar sep 2.3.Roofs	As building	Concrete r Other prec EPD Eterr	r	P2
A1-A3 Planed timber, conifer		419563.2 1	54097.1	+ + + + + + + + + + + + + + + + + + + +	154097.1			177122.8	237902	2.3.Roofs			-	
A4 (Treindustrien)	202.3 r	n3	4880.35		4880.35					Floor slabs Wood inci 2.3.Roofs Assur	ned As building	Vooden fr Plain wood Structural		P5
Planed timber, conifer														
A4 (Treindustrien) Damp insulation PE 0.2	455.17 r	n2	252.56	+ + + + + - +	252.56				+ -	Floor slabs Wood inci 2.3.Roofs Quan	tity a As building	Vooden fr Plain wood Structural	-	P5
kg/m2, EN15804+A1, re	ef.													
A4 year 2018	5057.44 r	n2	58.1		58.1					Floor slabs Plastic-bar 2.3.Roofs	30	Vooden fr Plastic me ÖKOBAUI	1	P7
Glass wool insulation	.													
panels, unfaced, generic L = 0.031 W/mK, R =	"													
3.23 m2K/W (18														
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	e													
for densities: 0-25 kg/m3	3													
(0-1.56 lbs/ft3)),			405.74							F1				P0
A4 Lambda=0.031 W/(m.K) Oriented strand board) 5057.44 r	n2	435.74	+ + + + + - +	435.74					Floor slabs Landfilling 2.3.Roofs	As building	Vooden fr Glass woo One Click		P3
(OSB), generic, 9.5-28.5	5													
mm (0.37-1.12 in), 610														
kg/m3 (38.1 lbs/ft3), min A4 G4-2	n. 5057.44 r	n2	531.6		531.6					Floor slabs Wood inci 2.3.Roofs	As building	Vooden fr Oriented s One Click		P5
PVC based, multi-layer,					331.0						building	OND OND OND		1.
synthetic waterproofing														
roof sheet, non-woven glass inlay, polyester														
backing, 1.2 mm, Sarnal														
	5057.44 r	n2	406.69		406.69					Floor slabs Plastic-bar 2.3.Roofs	30	Vooden fr Plastic me EPD Sarn		P7
A4 G410EL Felt (Sika)														
A4 G410EL Felt (Sika) Concrete roof tiles, Avg.														
A4 G410EL Felt (Sika) Concrete roof tiles, Avg. thickness per m2: 22.4 mm, 334x420 mm, 2100	0													
A4 G410EL Felt (Sika) Concrete roof tiles, Avg. thickness per m2: 22.4		n2	2732.97 9298.01		2732.97 9298.01					Floor slabs Rebar sep 2.3.Roofs 2.3.Roofs	As building	Concrete r Other prec EPD Eterr	r	P2

Planed timber, conifer A5 (Treindustrien)	202.3 m3 15208.91 3323.81	3323.	31	Floor slabs Wood inci 2.3.Roofs Assumed As building Wooden fr Plain wood Structural P5
Planed timber, conifer				
A5 (Treindustrien) Damp insulation PE, 0.2	455.17 m2 787.05 172.01	172.	01	Floor slabs Wood inci 2.3.Roofs Quantity a As buildin Wooden fr Plain wood Structural P5
kg/m2, EN15804+A1, re	f			
A5 year 2018 Glass wool insulation	5057.44 m2 101.15 407.84	407.	34	Floor slabs Plastic-ba: 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
panels, unfaced, generic	.			
L = 0.031 W/mK, R = 3.23 m2K/W (18				
ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable				
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)),				
A5 Lambda=0.031 W/(m.K)	5057.44 m2 3034.46 3434.87	3434.	37	Floor slabs Landfilling 2.3.Roofs As building Wooden fr Glass woo One Click P3
Oriented strand board (OSB), generic, 9.5-28.5				
mm (0.37-1.12 in), 610				
kg/m3 (38.1 lbs/ft3), min				
A5 G4-2 PVC based, multi-layer,	5057.44 m2 7728.02 3001.79	3001.	79	Floor slabs Wood inci 2.3.Roofs As buildin Wooden fr Oriented s One Click P5
synthetic waterproofing				
roof sheet, non-woven				
glass inlay, polyester backing, 1.2 mm, Samal	51			
A5 G410EL Felt (Sika)	5057.44 m2 708.04 4111.36	4111.	36	Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
Concrete roof tiles, Avg. thickness per m2: 22.4				
mm, 334x420 mm, 2100				
A5 kg/m3 (Eternit)	5057.44 m2 0 0 27567.64 14451.66	14451.	0	0 Floor slabs Rebar sep 2.3.Roofs As buildin Concrete r Other prec EPD Eterr P2
Planed timber, conifer	2/36/.64 14451.66	14451.	00	2.3.Roofs
B3 (Treindustrien)	202.3 m3 0		0	Floor slabs Wood inci 2.3.Roofs Assumed As buildin Wooden fr Plain woox Structural P5
Planed timber, conifer B3 (Treindustrien)	455.17 m2		0	Floor slabs Wood inci 2.3.Roofs Quantity a As buildin Wooden fr Plain wood Structural P5
Damp insulation PE, 0.2			-	F3
kg/m2, EN15804+A1, re	f. 5057.44 m2 0			Floor slabs Plastic-bay 2.3 Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
B3 year 2018 Glass wool insulation	3037.44 IIIZ U		<u> </u>	Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
panels, unfaced, generic	,			
L = 0.031 W/mK, R = 3.23 m2K/W (18				
ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable				
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)),				
B3 Lambda=0.031 W/(m.K)	5057.44 m2 0		0	Floor slabs Landfilling 2.3.Roofs As building Wooden fr Glass woo One Click P3
Oriented strand board				
(OSB), generic, 9.5-28.5 mm (0.37-1.12 in), 610				
kg/m3 (38.1 lbs/ft3), min B3 G4-2				5
PVC based, multi-layer,	5057.44 m2 0		0	Floor slabs Wood inci 2.3.Roofs As buildin Wooden fr Oriented s One Click P5
synthetic waterproofing				
roof sheet, non-woven glass inlay, polyester				
backing, 1.2 mm, Samal	ii l			
B3 G410EL Felt (Sika)	5057.44 m2 0		0	Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
Concrete roof tiles, Avg. thickness per m2: 22.4				
mm, 334x420 mm, 2100				
B3 kg/m3 (Eternit)	5057.44 m2 0		0	Floor slabs Rebar sep 2.3.Roofs As buildin Concrete r Other prec EPD Eterr P2 2.3.Roofs
Damp insulation PE, 0.2				2.3.R00IS
kg/m2, EN15804+A1, re	f.	.	_	
B4 year 2018 PVC based, multi-layer,	5057.44 m2 4078.36	4078.	36	Floor slabs Plastic-ba: 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
synthetic waterproofing				
roof sheet, non-woven glass inlay, polyester				
backing, 1.2 mm, Sarnal	ii			
B4 G410EL Felt (Sika)	5057.44 m2 41113.55 45191.91			Floor slabs Plastic-bai 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7 2.3.Roofs
Damp insulation PE, 0.2		45191.	"	a.v.iXUU5
kg/m2, EN15804+A1, re	f.			
B5 year 2018 PVC based, multi-layer,	5057.44 m2 0 0		U	Floor slabs Plastic-ba: 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
synthetic waterproofing				
roof sheet, non-woven glass inlay, polyester				
backing, 1.2 mm, Sarnal	11			
B5 G410EL Felt (Sika)	5057.44 m2 0 0		0	Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
B5 Planed timber, conifer				2.3.Roofs
C2 (Treindustrien)	202.3 m3 325.36	325.	36	Floor slabs Wood inci 2.3.Roofs Assumed As building Wooden fr Plain wood Structural Trailer con P5
Planed timber, conifer C2 (Treindustrien)	455.17 m2 16.84	16.	14	Floor slabs Wood inci 2.3.Roofs Quantity a As buildin Wooden fr Plain wood Structural Trailer con P5
Damp insulation PE, 0.2		10.		rios sias rross no 2.5. tono quantry a 25 bullum trouden il riam troc directina i fallel cult.
kg/m2, EN15804+A1, re	f.		_	
C2 year 2018 Glass wool insulation	5057.44 m2 3.87	3.	37	Floor slabs Plastic-ba: 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI Trailer con P7
panels, unfaced, generic L = 0.031 W/mK, R =	.			
L = 0.031 W/mK, R = 3.23 m2K/W (18				
3.23 m2K/W (18 ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable				
for densities: 0-25 kg/m3 (0-1 56 lbs/ft3))				
C2 Lambda=0.031 W/(m.K)	5057.44 m2 110.99	110.	99	Floor slabs Landfilling 2.3.Roofs As buildin Wooden fr Glass woo One Click Dumper tr P3
Oriented strand board				
(OSB), generic, 9.5-28.5 mm (0.37-1.12 in), 610				
kg/m3 (38.1 lbs/ft3), min	.			
C2 G4-2	5057.44 m2 177.2	2 173	2	Floor slabs Wood inci 2.3.Roofs As building Wooden fr Oriented s One Click Trailer con P5

PVC based, multi-layer, synthetic waterproofing				
roof sheet, non-woven				
glass inlay, polyester backing, 1.2 mm, Sarnal	61			
C2 G410EL Felt (Sika)	5057.44 m2 27.11	27.1		Floor slabs Plastic-bai 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn Trailer con P7
Concrete roof tiles, Avg.				
thickness per m2: 22.4 mm, 334x420 mm, 2100				
C2 kg/m3 (Eternit)	5057.44 m2 696.14			Floor slabs Rebar sep 2.3.Roofs As buildin Concrete r Other prec EPD Eterr Dumper tr P2
C2 Planed timber, conifer	1357.52	1357.5		2.3.Roofs
C3 (Treindustrien)	202.3 m3 134610.4	134610.		Floor slabs Wood inci 2.3.Roofs Assumed As building Wooden fr Plain wood Structural P5
Planed timber, conifer				
C3 (Treindustrien) Damp insulation PE, 0.2	455.17 m2 6966.01	6966.0		Floor slabs Wood inci 2.3.Roofs Quantity a As building Wooden fr Plain wood Structural P5
kg/m2, EN15804+A1, re	ıf.			
C3 year 2018	5057.44 m2 2089.09	2089.0		Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
Glass wool insulation panels, unfaced, generic	.			
L = 0.031 W/mK, R =	`			
3.23 m2K/W (18				
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	,			
for densities: 0-25 kg/m3	3			
(0-1.56 lbs/ft3)), C3 Lambda=0.031 W/(m.K)	5057.44 m2			Floor slabs Landfilling 2.3.Roofs As building Wooden fr Glass woo One Click
Oriented strand board				Tiour stable Californing 2.5. Tools As building Woodell II Glass woo Oile Circk
(OSB), generic, 9.5-28.5	5			
mm (0.37-1.12 in), 610 kg/m3 (38.1 lbs/ft3), min				
C3 G4-2	5057.44 m2 37290.31	37290.3		Floor slabs Wood inci 2.3.Roofs As buildin Wooden fr Oriented s One Click P5
PVC based, multi-layer, synthetic waterproofing				
roof sheet, non-woven				
glass inlay, polyester				
backing, 1.2 mm, Sarnal C3 G410EL Felt (Sika)	fil 5057.44 m2 14623.65	14623.6		Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
Concrete roof tiles, Avg.	3007.44 IIIZ 14023.03	14023.0		From State Fragility and Education State Fragility and State Fragi
thickness per m2: 22.4				
mm, 334x420 mm, 2100 C3 kg/m3 (Eternit)	5057.44 m2 82.29	82.2	,	Floor slabs Rebar sep 2.3.Roofs As building Concrete r Other prec EPD Eterr P2
C3	195661.8	195661.		2.3.Roofs
Glass wool insulation				
panels, unfaced, generic L = 0.031 W/mK, R =	,			
3.23 m2K/W (18				
ft2*Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable				
for densities: 0-25 kg/m3				
(0-1.56 lbs/ft3)).				
C4 Lambda=0.031 W/(m.K) Planed timber, conifer	5057.44 m2 98.63	98.6		Floor slabs Landfilling 2.3.Roofs As buildin Wooden fr Glass woo One Click Inert mate P3
D (Treindustrien)	202.3 m3 -62242.8	-62242.		Floor slabs Wood inci 2.3.Roofs Assumed As buildin Wooden fr Plain wood Structural P5
Planed timber, conifer				
D (Treindustrien) Damp insulation PE, 0.2	455.17 m2 -3221.03	3221.0		Floor slabs Wood inci 2.3.Roofs Quantity a As buildin Wooden fr Plain wood Structural P5
kg/m2, EN15804+A1, re	ıf.			
D year 2018 Oriented strand board	5057.44 m2 -3180.13	3 -3180.1		Floor slabs Plastic-bat 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
(OSB), generic, 9.5-28.5	5			
mm (0.37-1.12 in), 610				
kg/m3 (38.1 lbs/ft3), min D G4-2	1. 5057.44 m2 -33361.1	-33361.		Floor slabs Wood inci 2.3.Roofs As buildin Wooden fr Oriented s One Click P5
PVC based, multi-layer,				
synthetic waterproofing				
roof sheet, non-woven glass inlay, polyester				
backing, 1.2 mm, Sarnal	fil			
D G410EL Felt (Sika) Concrete roof tiles, Avg.	5057.44 m2 -22260.9	-22260.		Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
thickness per m2: 22.4				
mm, 334x420 mm, 2100	5057.44	,	.	Floor alphy Rehou can 2.3 Reefs As huildin Co
D kg/m3 (Eternit)	5057.44 m2 -10489.8	-10489.		Floor slabe Rebar sep 2.3.Roofs As building Concrete r Other prec EPD Eterr P2 2.3.Roofs
Planed timber, conifer				
TOTAL (Treindustrien) Planed timber, conifer	202.3 m3 21892.6	21892.		Floor slabs Wood inci 2.3.Roofs Assumed As building Wooden fr Plain wood Structural P5
TOTAL (Treindustrien)	455.17 m2 1132.93	1132.9		Floor slabs Wood inci 2.3.Roofs Quantity a As buildin Wooden fr Plain wood Structural P5
Damp insulation PE, 0.2				
kg/m2, EN15804+A1, re TOTAL year 2018	if. 5057.44 m2 8564.55	8564.5		Floor slabs Plastic-bai 2.3.Roofs 30 Wooden fr Plastic me ÖKOBAUI P7
Glass wool insulation		8504.3	<u> </u>	T IOUR BRANCE RESIDENCE 20 VYOUGHT II FRESHETHE UNUDAUT
panels unfaced generic	,			
L = 0.031 W/mK, R = 3.23 m2K/W (18				
ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable				
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)),	'			
TOTAL Lambda=0.031 W/(m.K)	5057.44 m2 46370.7	46370.		Floor slabs Landfilling 2.3.Roofs As buildin Wooden fr Glass woo One Click P3
Oriented strand board				
(OSB), generic, 9.5-28.5 mm (0.37-1.12 in), 610				
kg/m3 (38.1 lbs/ft3), min	1.			
TOTAL G4-2 PVC based, multi-layer.	5057.44 m2 20976.55	20976.5		Floor slabs Wood inci 2.3.Roofs As building Wooden fr Oriented s One Click P5
synthetic waterproofing				
roof sheet, non-woven				
glass inlay, polyester backing, 1.2 mm, Sarnal	fil			
TOTAL G410EL Felt (Sika)	5057.44 m2 86338.46	86338.4		Floor slabs Plastic-bar 2.3.Roofs 30 Wooden fr Plastic me EPD Sarn P7
Concrete roof tiles, Avg. thickness per m2: 22.4				
unukness per mz: 22.4				
mm, 334x420 mm, 2100				Floor slabs Rehar sen 2 3 Roofs As huilding Concrete r Other prec EPD Eterr
mm, 334x420 mm, 2100 TOTAL kg/m3 (Eternit)	5057.44 m2 57758	5775		Floor stabs Repar sep 2.3.Roots As buildini Concrete ii Other prec EPD Eterri P2

Company												la a Bartal				
Column C	Planed timber, conifer											2.3.Roofs				
Column C	(Treindustrien)		202.3 m	3	-133518	-133518					FI	oor slabs Wood inci 2.3.Roofs Assumed	As building	Wooden fr Plain wood Structur	al	P5
Company Comp	Planed timber, conifer (Traindustries)		455 17 m	,	6000 49	80.00 49					_	oor slabs Wood inci 2 2 Boofs Quantity	Λe buildin	Wooden fr Plain was Structur	al	P5
Control Cont	Damp insulation PE 0.2	12	400.17 111	2	-0909.40	-0909.40						our stabs wood inci 2.3. Roots Quantity	AS DUIIUITI	Woodell II Plain Wood Structur	di	
Control transfer Control tra	kg/m2, EN15804+A1, ref.	ref.														
Property of the control of the con	year 2018	50	057.44 m	2	0	0					FI	oor slabs Plastic-bar 2.3.Roofs	30	Wooden fr Plastic me ÖKOBA	UI	P7
State Stat	Glass wool insulation	ric														
Process of the control of the cont	I = 0.031 W/mK R =	IIC,														
Control Cont	3.23 m2K/W (18															
State Stat	ft2°Fh/BTU), 25 kg/m3	3														
Second Continue	(1.56 lbs/ft3), (applicable	ble														
March Control Contro	for densities: 0-25 kg/m3	m3														
Control cont	(0-1.56 lbs/ft3)), Lambda=0.031 W//m K)	K) 50	057.44 m	,	0						-	oor elabs I andfilling 2 3 Poofe	Ac building	Wooden fr Glace was One Clin		P3
Control prints Cont	Oriented strand board	.1() 50	037.44 111	2	- 0	- 0						our stable Carrollining 2.3.10018	As building	WOODEN II Glass woo One On		- 13
Section Control Cont	(OSB), generic, 9.5-28.5	8.5														
Section Sect	mm (0.37-1.12 in), 610	0														
Process and control of the control	kg/m3 (38.1 lbs/ft3), min.	nin.		_							_				.	
Control Cont	BVC based multi lawer	50	057.44 m	2	-36695.3	-36695.3					FI	oor slabs Wood inci 2.3.Roots	As building	Wooden fr Oriented s One Cli	ik .	P5
Process of Process o	synthetic waterproofing	n,														
Part of the product	roof sheet, non-woven	9														
Seed of Conference of Conferen																
Control of the cont																
Section Sect	G410EL Felt (Sika)	50	057.44 m	2	0	0					FI	oor slabs Plastic-bat 2.3.Roofs	30	Wooden fr Plastic me EPD Sa	m	P7
Part																
March Section Sectio	mm 334y420 mm 2100	100														
A companies		50	057.44 m	2	0	0					FI	oor slabs Rebar sep 2.3.Roofs	As building	Concrete r Other prec EPD Et	err	P2
A 1998 A												2.3.Roofs				
1. September 2017-202-2020 1. September 2017-202				447130.8	243033.8	243033.8				177122.8	237902	2.3.Roofs				
1. September 2017-202-2020 1. September 2017-202	One starry timber															
ANA DA MA DA DA MA DA	staircase 2587x225x905	105														
Descriptions (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	3 mm, 41.9 deg (Stair Craft)	Craft)	114 ur	nit 14991	16332.78		16332.78			25030.98	0	ther stru Wood inci 2.4.1.Stair	As building	Plain wood EPD Or	e	P5
Marches 2507/22/0000 114 unit 1864.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5 1564.5		-1														
Ad mar. 1 9 600 (Star Craft) 114 urit 196.65 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60 190.60																
So there from the sales as \$277.250.05				.	400.45		400.45								.1	DE
Sections 259/32/2005 Section 114 unit 2003.30 3001.72 Other story Wood lead 2.4.1 State As buildin Plan wood EPD One CPT One	mm, 41.9 deg (Stair Craft)	aatt)	114 ur	III.	186.45		180.45		-		0	mer suur vvood inci 2.4.1.Stair	As building	Plain Wood EPD Or	е	P5
Sections 259/32/2005 Section 114 unit 2003.30 3001.72 Other story Wood lead 2.4.1 State As buildin Plan wood EPD One CPT One	One storey timber															
Contractive principle Cont	staircase, 2587x225x905															
Contractive principle Cont	mm, 41.9 deg (Stair Craft)	Craft)	114 ur	nit 2683.39	3001.72		3001.72				0	ther stru Wood inci 2.4.1.Stair	As building	Plain wood EPD Or	e	P5
10																
B3	One storey timber	NOE														
Co story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C4 list in the stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C5 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C3 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell) C9 story inher stations. 287:223005 C1 mm, 41.9 seg (Stat Cell			114	sit	0		0				_	ther strue Wood inci 2.4.1 Stoir	As building	Plain was EDD O-		P5
Continued by the Continued of the Cont	min, 41.9 deg (Stall Craft)	nalt)	1 14 UI	m .	U		U				- 0	nier au ur yVUUU IIICI Z.4. I. Stalif	AS DUIIDIN	FIAITI WOOL EPD OF		Fo
Continued by the Continued of the Cont	One storey timber															
Common 1.9 dots (Static Carla) 1.14 unit	staircase, 2587x225x905	05														
Cos decrey timber Cos attracts with special Core story timber Core story Wood incl 2.4.1.Star As buildin Plain wood EPO One Core story timber Core story tim	mm, 41.9 deg (Stair Craft)	Craft)	114 ur	nit	57.4		57.4				0	ther stru Wood inci 2.4.1.Stair	As building	Plain wood EPD Or	e Trailer con	P5
Safarcase, 2597-2259056																
C3 mm, 41.9 day (Stati Craft)	One storey timber															
Doc story (inher Struct Wood Inc.) 2.4.1. Stair As buildin Plain wood EPD One	mm 41 9 deg (Stair Craft	Cuth)	444	.ia	25222 72		25222 72					baratur Wand inni 2.4.1 Stair	An building	Diein was EDD Or	_	P5
Section Contract	min, 41.9 deg (Stall Crait)	rait)	114 UI	III.	23223.12		23223.12				- 0	mer strut vvood mci 2.4. 1. stali	AS DUIIUIN	Plain Woot EPD Of		
Section Contract	One storey timber															
D mm, 41,9 deg (Stair Craft) 114 unit -19981.8	staircase, 2587x225x905	05														
starcase, 2587-225-905 TOTAL m. rt. 9 deg (Stair Craft) One storey timber starcase, 2587-225-905 bio C. m. rt. 9 deg (Stair Craft) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage; 1500 A1-A3 kg/m3 (WM) A2-89708.2 External w Cement/m 2.5.1.Extle As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25031 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25031 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Woo	mm, 41.9 deg (Stair Craft)	Craft)	114 ur	nit	-10981.8		-10981.8				0	ther stru Wood inci 2.4.1.Stair	As building	Plain wood EPD Or	e	P5
starcase, 2587-225-905 TOTAL m. rt. 9 deg (Stair Craft) One storey timber starcase, 2587-225-905 bio C. m. rt. 9 deg (Stair Craft) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage; 1500 A1-A3 kg/m3 (WM) A2-89708.2 External w Cement/m 2.5.1.Extle As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25031 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 19771.09 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25031 Other stru Wood inci 2.4.1.Stair As buildini Plain woo EPD One 25030.98 Other stru Woo	One stere that															
TOTAL mm. 41.9 deg (Salar Craft) 114 unit 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19771.09 19	one storey timber	105														
One storey timber staircase, 2587423605 bioC mm, 419 deg (Stair Card) 114 unit 25031 115 Je deg (Stair Card) 116 Unit 17674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674.39 19771.09 117674	L mm. 41.9 den (Stair Croff	Craft)	114	nit	19771 09		19771 09				0	ther stru Wood inci 2 4 1 Stair	As building	Plain wood EPD Or	e	P5
staircase, 2587 225:905 114 unit 25031 1 4 unit 25031 2 4 unit 2			u										o building	I Idii IIOO El D'Oi	-	
bic C mm, 419. deg (Stair Cart) 114 unit 25031	One storey timber															
Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: 1500 A1-A3 kg/m3 (WM) 898.32 m2 289708.2 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte As buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 413089.4 External w Cement/m 2.5.1.Exte A5 buildim Masonry c Mortar (mc Oekobau.c A1-A3 kg/m3 (WM)) 2686.63 m2 2686.6				_												
Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: 1500 898.32 m2 289708.2 67800.81 67800.81 0 289708.2 External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (mic Oekobau.c 1 1 1 1 1 1 1 1 1	mm, 41.9 deg (Stair Craft)	aan)	114 ur	17074 00	-25031		-25031			25020.00	- 0	ner strui Wood inci 2.4.1.Stair	As building	Plain wood EPD Or	e	P5
mortal/mortar with special properties, 1500 kg/m³. EPD coverage: 1500 A33 kg/m³. (WM) 898.32 m2 289708.2 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel As buildim Masonry c Mortar (mr. Oekobau.c 1 A3509.4 External w Cement/m 2.5.1.Extel A5509.4 External w Cement/	Masonry morter/facing wa	wall	-	1/6/4.39	13111.09		15//1.09		-	25030.98		2.4.1.Stail			+ +	\rightarrow
Properties, 1500 kg/m3, EPD coverage: 1500	mortar/mortar with special	ecial														
A1-A3 kg/m3 (IVM) 898.32 m2 289708.2 External w Cement/m 2.5.1.Extel As buildin Masonry c Mortar (mc Oekobau.c 1	properties, 1500 kg/m3,	3,														
Masonry motar/facing wall motarfundar with special properties, 1500 kg/m3, EPD coverage: 1500 A 143069.4 External w Cement/m 2.5.1.Exter As buildini Masonry c Mortar (m∈ Cekobau.c 1 1 1 1 1 1 1 1 1	EPD coverage: >1500	1											l	l., l., . l		L.
motar/motar with special properties, 1500 kg/m3 EPID coverage: 1500 A13069.4 External w Cement/m 2.5.1 E	kg/m3 (IWM)	8	898.32 m	2 289708.2	67800.81		67	00.81		0	289708.2 E	dernal w Cement/m 2.5.1.Exte	As building	Masonry c Mortar (ma Oekoba	1.0	P2
properties, 1500 kg/m3, EPD coverage: -1500 A1-33 kg/m3 (WM) 2686.63 m2 413069.4 External w Cement/m 2.5.1.Exte As buildini Masonry c Mortar (mc Cekobau.c Red brick, average	masonry mortar/tacing wal	wall														
EPD coverage: 91500 A1-A3 kg/m3 (WM) 2696.63 m2 413069.4 External w Cement/m 2.5.1.Extle As buildin Masonry c Mortar (mc Oekobas.c Page 4 brick, average A buildin Masonry c Mortar (mc Oekobas.c A build																
A1-A3 kg/m3 (IWM) 2696.63 m2 413069.4 External w Cement/m 2.5.1.Extel As buildin/ Masonry c Mortar (mc/ Oekobau.c	EPD coverage: >1500	i' l														
Red brick, average	kg/m3 (IWM)	26	686.63 m	2 413069.4	96671.19		96	71.19		0	413069.4 E	dernal w Cement/m 2.5.1.Exte	As building	Masonry c Mortar (ma Oekoba	I.C	P2
production, UK, 27.5 mm x 102.5 mm x 5 mm, 213																
102.5 mm x 95 mm, 2.13	kg/unit 1485 kg/m3 /Pric'	Brick														
Development Association	Development Association	tion														
A1-A3 (BDA) Ltd (2019)) 13948.8 m2 2123182 External w Brick/storn) 2.5.1.Exte (80 bricks (As building Masonry c) Brick, corn (EPD BDA)	3 (BDA) Ltd (2019))	13	3948.8 m	2 2123182	452237.7		45	237.7		0	2123182 E	dernal w Brick/ston 2.5.1.Exte 60 bricks	(As building	Masonry c Brick, com EPD BD	A	P33
Lightweight concrete	Lightweight concrete															
block, with expanded clay																
aggregate, generic, 650 kg/m3 (40.6 lbs/fl3), 18	aggregate, generic, 650	OU O														
Rgm3 (4.0 is birst3), 18 kalbiok (19.7 lishlook).																
0.5x0.3x0.185 mm	0.5x0.3x0.185 mm	"														
		1) 15	5737.2 m	2 2199274	678010.2		67	010.2		0	2199274 E	dernal w Concrete (2.5.1.Exte 440mm)	As building	Masonry c Aerated/Ai One Clin	k	P2
Stone wood insulation	Stone wool insulation															
panels, unfaced, generic,																
L = 0.037 W/mK, R = 2.70 m G/kW (15																
2.70 m2KW (15 b ft.27 m ft.27	2.70 III2N/W (15 ft2°Fh/BTH) 150 kg/m²	n3														
(9.56 lbs/fl3) (applicable	(9.36 lbs/ft3) (applicable	ole														
for densities: 100-150	for densities: 100-150															
kg/m3 (6.24-9.36 lbs/lt3)).	kg/m3 (6.24-9.36 lbs/ft3))	ft3)),														
A1-A3 Lambda=0.037 W/(m K) 16835.48 im2 374298.3 489300.6 External w Landfilling 2.5.1.Exte	J Lambda=0.037 W/(m.K)	K) 166	635.48 m	2 374298.3	489300.6		48	300.6		0	E	dernal w Landfilling 2.5.1.Exte	As building	Masonry c Stone woc One Clin	:k	P3

	Gypsum plaster board.											
	regular, generic, 6.5-25											
	mm (0.25-0.98 in), 10.725											
	kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858											
A1-A3	12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3)	16625	9 m2	178421.4	51442.4	51443.4	79421 4 -	xternal w Gypsum n 2.5.1.Exte	As building 14	oppy o Parenter -	no Click	P232
A1-A3	Gypsum plaster, 1100	16635.4	48 m2	1/8421.4	51443.4	51443.4 U 17/	78421.4 E	xternai w Gypsum n 2.5.1.Exte	As buildin Mas	onry c Regular g _\ C	ine Click	P232
	kg/m3 (Bundesverband											
A1-A3	der Gipsindustrie)	16635.4	18 m2	54897.08	7479.83	7479.83	E	xternal w Landfilling 2.5.1.Exte	30 Mas	onry c Gypsum p C)ekobau.c	P232
A1-A3				5632850	1842944	1842944 552	203654	2.5.1.Exte				
	Masonry mortar/facing wall											
	mortar/mortar with special											
	properties, 1500 kg/m3, EPD coverage: >1500											
A4	kg/m3 (IWM)	898.3	32 m2		554.68	554.68	E	xternal w Cement/m 2.5.1.Exte	As building Mas	onry c Mortar (ma C	ekobau.c	P2
	Masonry mortar/facing wall											
	mortar/mortar with special											
	properties, 1500 kg/m3,											
	EPD coverage: >1500	0000			700.07	70027	_					DO.
A4	kg/m3 (IWM)	2686.6	53 m2		790.87	790.87	E	xternal w Cement/m 2.5.1.Exte	As buildinį Mas	onry c Mortar (ma C	Jekobau.c	P2
	Red brick, average											
	production, UK, 215 mm x											
1	102.5 mm x 65 mm, 2.13											
1	kg/unit, 1485 kg/m3 (Brick											
I	Development Association								1			
A4	(BDA) Ltd (2019))	13948	.8 m2		24390.64	24390.64	E	xternal w Brick/ston 2.5.1.Exte 60 brick	s (As buildin Mas	onry c Brick, com E	PD BDA	P33
1	Lightweight concrete block, with expanded clay											
I	aggregate, generic, 650											
1	kg/m3 (40.6 lbs/ft3), 18											
1	kg/block (39.7 lbs/block),											
I	0.5x0.3x0.185 mm								1			
A4	(0.019x0.012x0.007 in)	15737.	.2 m2		25264.77	25264.77	E	xternal w Concrete (2.5.1.Extel 440mm	x. As building Mas	onry c Aerated/Ai C	one Click	P2
1	Stone wool insulation											
1	panels, unfaced, generic											
1	panels, unfaced, generic, L = 0.037 W/mK, R =											
1	2.70 m2K/W (15											
1	ft2°Fh/BTU), 150 kg/m3											
1	(9.36 lbs/ft3) (applicable											
1	for densities: 100-150 kg/m3 (6.24-9.36 lbs/ft3)),											
Α4	kg/m3 (6.24-9.36 lbs/ft3)), Lambda=0.037 W/(m.K)	16635 4	8 m2		4299.86	4299.86	F	xternal w Landfilling 2.5.1.Exte	As building Mas	onry c Stone woc C	ne Click	P3
	Lumbau 0.007 W/(m.rc)	10000.4	10 1112		4200.00	10000		ACTION W CONTINUED E.O. I. EXCO	7 to building muc	only o otone wee	IIIO OIION	- 10
	Gypsum plaster board,											
	regular, generic, 6.5-25											
1	mm (0.25-0.98 in), 10.725											
1	kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858											
l.,	12.5 mm/U.49 in), 858	40005			0040.0-		_				and the second	2000
A4	kg/m3 (53.6 lbs/ft3)	16635.4	₩2 m2		2049.67	2049.67	E	xternal w Gypsum n 2.5.1.Exte	As building Mas	onry c Regular g _\ C	ine Click	P232
	Gypsum plaster, 1100			1								
	kg/m3 (Bundesverband											
A4	kg/m3 (Bundesverband	16635.4	48 m2		630.65	630.65	E	xternal w Landfilling 2.5.1.Exte	30 Mas	onry c Gypsum p C)ekobau.c	P232
A4 A4	kg/m3 (Bundesverband der Gipsindustrie)	16635.4	18 m2		630.65 57981.14	630.65 57981.14	E	xternal w Landfilling 2.5.1.Exte	30 Mas	onry c Gypsum p C	ekobau.c	P232
A4 A4	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall	l	-8 m2				E	xternal w Landfilling 2.5.1.Exte	30 Mas	onry c Gypsum p C	Dekobau.c	P232
A4 A4	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special	l	8 m2				E	xternal w Landfilling 2.5.1.Exte 2.5.1.Exte	30 Mas	onry c Gypsum p C)ekobau.c	P232
A4 A4	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special	l	8 m2				E	xternal w Landfilling 2.5.1.Exte 2.5.1.Exte	30 Mas	onry c Gypsum p C	Nekobau.c	P232
A4 A4	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500				57981.14	57981.14						
A4 A4	kg/m3 (Bundesverband der Glpsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Masonry mortar/facing wall	898.3	48 m2 32 m2		57981.14	57981.14		ternal w Landfilling 2.5.1.Exte 2.5.1.Exte		onry c Gypsum p C		P232
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Masonry mortar/facing wall mortar/mortar with special	898.3			57981.14	57981.14						
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3,	898.3			57981.14	57981.14						
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IVMM) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500	898.3	32 m2	37662.07	9009.45	909.45 9009.45	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildini Mas	onry c Mortar (ma C	Dekobau.c	P2
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3,	898.3		37662.07	9009.45	909.45 9009.45	7662.07 E		As buildini Mas		Dekobau.c	
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall motar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Masonry mortar/facing wall motar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (RIVM) Red brick, average	898.3 2686.6	32 m2	37662.07	9009.45	909.45 9009.45	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildini Mas	onry c Mortar (ma C	Dekobau.c	P2
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM) Masonry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM) Red brick, average production, UK, 215 mm x	898.3	32 m2	37662.07	9009.45	909.45 9009.45	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildini Mas	onry c Mortar (ma C	Dekobau.c	P2
A4 A4 A5	kg/m3 (Bundesverband of crigipindustrie) Masonry mortar/facing wall mortar/maring wall mortar/maring with special properties, 1500 kg/m3, EPD cowrage, >1500 kg/m3 (WM) Masonry mortar/facing wall hasonry mortar/facing wall properties, 1500 kg/m3, EPD cowrage, >1500 kg/m3 (WM) Red brick, average production, UK, 215 mm, 2 1302.5 mm, 2 65 mm, 2 13	898.3 2686.6	32 m2	37662.07	9009.45	909.45 9009.45	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildini Mas	onry c Mortar (ma C	Dekobau.c	P2
A4 A4 A5	kg/m3 (Bundesverband der Gipsindustrie) Maconry mortar/facing wat mortar/mortar with special properties, 1500 kg/m3, EPD coverage >1500 kg/m3 (WMM) Maconry mortar/facing wall mortar/mortar with special properties, 1500 kg/m3 (WMM) Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2 13 kg/m1 (IMM)	898.3 2686.6	32 m2	37662.07	9009.45	909.45 9009.45	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildini Mas	onry c Mortar (ma C	Dekobau.c	P2
A4 A4 A5	kg/m3 (Bundesverband of cf Gipeindustrie) Masonry mortar/facing wall mortar/maring will mortar/maring will special properties, 1500 kg/m3, EPD coverage, 1500 kg/m3, (WM) Masonry mortar/facing wall mortar/martar with special properties, 1500 kg/m3, (WM), (W	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A4 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Masonry mortar/facing wall moretar/mortar with special moretar/mortar with special perfect of the property of the pro	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	xternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A4 A5 A5	kg/m3 (Bundesverband of cf Gipeindustrie) Masonry mortar/facing wall mortar/marin with special properties, 1500 kg/m3, EPD coverage, >1500 kg/m3, (EPD coverage, >1500 kg/m3, (EPD coverage, >1500 kg/m3, (EPD coverage, >1600 kg/m3, (WM), Sept of Coverage, >1600 kg/m3, >16	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A4 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing vall mortar/marta with special properties. 1500 kg/m3. EPD coverage. 1500 kg/m3. (IVM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (IVM) Red brick, average production, UK, 215 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm, 213 kg/m13. (IVM). Gipeindustries. 102.5 mm x 65 mm x	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A4 A5 A5	kg/m3 (Bundesverband of certification of the control of the contr	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A4 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing wall with special properties. 1500 kg/m3. EPD coverage: >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (WMM) Resort production, UK, 215 mm x 6 production, UK, 215 mm x 65 mm, 213 kg/m13. (WMM) Red brick, average and special control of the coverage. 2500 kg/m3. (WMM) Red brick, average (BDA) Lightweight concrete brick, average (BDA) Lightweight concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, with expendit concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, with expensive production, with ex	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78	909.45 9009.45 12845.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas	onry c Mortar (mr. C	Vekobau.c	P2
A4 A5 A5	kg/m3 (Bundesverband of certification of the control of the contr	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A4 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing wall with special properties. 1500 kg/m3. EPD coverage: >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (WMM) Resort production, UK, 215 mm x 6 production, UK, 215 mm x 65 mm, 213 kg/m13. (WMM) Red brick, average and special control of the coverage. 2500 kg/m3. (WMM) Red brick, average (BDA) Lightweight concrete brick, average (BDA) Lightweight concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, with expendit concrete brick, average (BDA) Lightweight concrete brick, with expendit concrete brick, with expensive production, with ex	898.3 2686.6	32 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	kternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Masorry mortar/facing wall mortar/mortar with personal mortar/mortar with personal mortar/mortar with special mortar mortar with special m	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Masorry mortar/facing wall mortar/mortar with personal mortar/mortar with personal mortar/mortar with special mortar mortar with special m	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Masonry mortar/facing walf mortarimotar with special more more more more more more more more	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing wall with special properties. 1500 kg/m3. EPD coverage >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (EPD cowerage. >1500 kg/m3. (EPD cowerage. >1500 kg/m3. (WMM) Red brick, average production, UK, 215 mm x 6 mm, 213 kg/m3. (WMM) Lightweight corrors of the companies of the com	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Masonry mortar/facing wall mortar/macing with special properties, 1500 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 250 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 30 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 30 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m3, (WMM) Red brick, average production, UK, 215 mm x, 26 kg/m	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing wall industries of certification with special properties. 1500 kg/m3. (BMS of Certification o	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5 A5	kg/m3 (Bundesverband cer Gipsindustrie) Masonry mortar/facing wall mortar/macing wall wall mortar/macing wall wall wall mortar/macing wall wall mortar/macing wall wall mortar/macing wall wall mortar/macing wall wall wall wall wall wall wall wal	898.3 2686.6	32 m2 63 m2	37662.07 53699.02	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildin Mas As buildin Mas	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Maconny mortar/facing vail mortar/martin with special properties, 1500 kg/m3. (PM) control facility with special properties, 1500 kg/m3. (WM) Maconny mortar/facing wall mortar/mortar with special properties, 1500 kg/m3. (WM) Maconny mortar/facing wall mortar/mortar with special properties, 1500 kg/m3. (EPD coverage, >1500 kg/m3. (EPD coverage, >1500 kg/m3. (EPD coverage) For mix 65 mm, 213 kg/m3. (Brick Development Association (BDA) Ltd (2019) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3. (Brick Development Association (DBA) Ltd (2019) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3. (Brick Development Association (0.1990.) 125.0. (DR) Stone wool insulation panels, unfaced, generic, e10.0.3 WM/K, R = 2.70 mz/W/W (15 KZ-hB/ETI), 1500 kg/m3. (EZ-hB/ETI), 15	2686.¢	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78 153285.33	7662.07 E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mes	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Maconny mortar/facing vail mortar/martin with special properties, 1500 kg/m3. (PM or Maconny mortar/facing wall mortar/martin with special properties, 1500 kg/m3. (WMM) Maconny mortar/facing wall mortar/mortar with special properties, 1500 kg/m3. (EPD coverage, >1500 kg/m3. (EPD coverage, >1500 kg/m3. (EPD coverage) = 1500 kg/m3. (MMM) Red brick, average production, LW, 215 mm x x 102.5 mm x 65 mm, 2.13 kg/m13. (MMS) kg/m3. (Brick Development Association (BDA) LLId (2019) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3. (Brick Development Association (BDA) LLId (2019) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3. (Bc/d. Brick) kg/	2686.¢	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78	7662.07 E	oternal w Cement/m 2.5.1.Exte	As buildini Mae As buildini Mae a (As buildini Mes	onry c Mortar (mr C onry c Mortar (mr C onry c Brick, com E	PD BDA	P2
A5 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing vall mortar/maria with special properties. 1500 kg/m3. EPD coverage >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/maria with special properties. 1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/maria with special properties. 1500 kg/m3. (EPD coverage. >1500 kg/m3. (EPD coverage. >1500 kg/m3. (WMM) Rod brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/m3. (Brick Development Association (EDA), Litz (2019) BODA, Litz (2019) BODA, With expanded clay agreeding of the brick of the special properties. 1500 kg/m3. (40.6 libs/m3.), 18 kg/block (33.7 bb/block), 0.50.30.185 mm (0.1990.01220.007 in) Stone wool insulation panels, unfaced, generic, L = 0.037 W/m K, R = 2.70 m.2KW (1.500 kg/m3.) (3.6 lbs/m3.) (3.6 lbs/ma.) (3.6 lbs/ma.	2686.¢	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78 153285.33	7662.07 E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mes	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Masorry mortar/facing wall mortarimous wall mortarimous wall mortarimous wall mortarimous wall mortarimous wall wall wall wall wall wall wall wal	2686.£	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78 153285.33	7662.07 E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mes	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing wall with special properties. 1500 kg/m3. EPD coverage >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/mortar with special properties. 1500 kg/m3. (EPD coverage. >1500 kg/m3. (WMM) Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 213 kg/m3. (Brick Development Association (BOA), List (2010) Lightweight concrete (BOA), Lightweight concrete Ligh	2686.£	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78 153285.33	7662.07 E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mes	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Masonry mortar/facing wall mortarimotar with special mortarimotar with special properties. 1500 kg/m3 (IVM) Masonry mortar/facing wall mortar/maring wall mortarimotar with special googless. 1500 kg/m3 (IVM) Red brick, serrage voordischen (Mz. 215 mm x. 102.5 mm x. 65 mm, 2.13 kg/m1. 1485 kg/m3 (Brick Development Association (BoA) List (2019) Lightweight concrete block, with expended clay aggregate, generic, 650 kg/m3 (40 & Bism3), 18 kg/block (39.7 ibarblock), 50.30.30.1 Bism3), 18 kg/block (39.7 ibarblock), 50.30.30.1 Bism3), 18 kg/block (39.7 ibarblock), 18 kg/m3 (2.49.3 ibards), 100.1 bism3 (3.249.3 ibards), 100.1 bism3 (3.	2686.£	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 12845.78 24178.78	9009.45 9009.45 12845.78 24178.78 153285.33	7662.07 E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mes	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Masonry mortar/facing wall mortar/macing wall wall mortar/macing wall mortar/macing wall mortar/macing wall wall mortar/macing wall mortar/macing wall mortar/macing wall wall mortar/macing wall wall mortar/macing wall wall mortar/macing wall wall wall wall wall wall wall wal	2686.£	m2 m	37662.07 53669.02 106159.1 164945.5	9009.45 9009.45 112845.78 1224178.78	57981.14 9009.45 12845.78 24178.78 10 39853.51	7662.07 E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildini Mae As buildini Mae a (As buildini Mae x As buildini Mae As buildini Mae	onny c Mortar (mi C onny c Mortar (mi C onny c Brick, con: E onny c Aerated/Ai C	PD BDA PD Click	P2 P2 P33 P3
A5 A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Maconny mortar/facing valid cer Gipsindustrie) Maconny mortar/facing valid properties, 1500 kg/m3, (BVB) kg/m3, (BVB), (2686.6 13948.	m2 m	37662.07 53699.02 106159.1 164945.5	9009.45 9009.45 112845.78 1224178.78	57981.14 9009.45 12845.78 24178.78 10 39853.51	7662.07 E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm	As buildini Mae As buildini Mae a (As buildini Mae x As buildini Mae As buildini Mae	onny c Mortar (mr. C onny c Mortar (mr. C onny c Brick, corr. E	PD BDA PD Click	P2 P2 P33
A5 A5 A5	kg/m3 (Bundesverband der Gipeindustrie) Mascorry mortar/facing vall der Gipeindustrie) Mascorry mortar/facing vall mortar/marte with special properties. 1500 kg/m3 (WMM) Mascorry mortar/facing wall mortar/marter with special properties. 1500 kg/m3 (WMM) Mascorry mortar/facing wall mortar/marter with special properties. 1500 kg/m3. (WMM) Red brick, average and production, UK. 215 mm x 65 mm, 213 kg/m3 (WMM) Red brick, average and special	2686.6 13948. 15737.	m2 m	37662.07 53699.02 106159.1 184945.5 29943.86	77981.14 9009.45 112845.78 24178.78 339653.51 7191.89	57981.14 9009.45 12845.78 53 24178.78 10 53285.33 16 7191.89	9699.02 E 9699.02 E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildin, Mae As buildin, Mae s (As buildin, Mae x As buildin, Mae As buildin, Mae	onny c Mortar (mic C onny c Mortar (mic C onny c Brick, corr E onny c Aerated/Ai C	PD BDA PD BDA In Click	P2 P2 P33 P33 P2 P3
A5 A5 A5	kg/m3 (Bundesverband of cer Gipsindustrie) Maconny mortar/facing valid cer Gipsindustrie) Maconny mortar/facing valid properties, 1500 kg/m3, (BVB) kg/m3, (BVB), (2686.6 13948.	m2 m	37662.07 53699.02 106159.1 164945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	9699.02 E 9699.02 E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildin, Mae As buildin, Mae s (As buildin, Mae x As buildin, Mae As buildin, Mae	onny c Mortar (mi C onny c Mortar (mi C onny c Brick, con: E onny c Aerated/Ai C	PD BDA PD BDA In Click	P2 P2 P33 P3
A5 A5 A5	kg/m3 (Bundesverband of cer Gipeindustrie) Masonry mortar/facing vall mortar/maria with special properties. 1500 kg/m3. EPD coverage >1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/maria with special properties. 1500 kg/m3. (WMM) Masonry mortar/facing wall mortar/maria with special properties. 1500 kg/m3. (EPD coverage. >1500 kg	2686.6 2686.6 13948. 15737.	m2 m	37662.07 53699.02 106159.1 184945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	9699.02 E 9699.02 E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildin, Mae As buildin, Mae s (As buildin, Mae x As buildin, Mae As buildin, Mae	onny c Mortar (mic C onny c Mortar (mic C onny c Brick, corr E onny c Aerated/Ai C	PD BDA PD BDA Die Click Die Click	P2 P2 P33 P3 P3
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Macorry mortar/fizeing valle of Gipeindustrie) Macorry mortar/fizeing valle orgonized file of the protein of the protein orgonized file of the protein of the protein orgonized file of the protein orgonized file orgonize	2686.6 13948 15737 16635.4	m2 m	37662.07 53699.02 106159.1 164945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	9699.02 E 9699.02 E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildin, Mae As buildin, Mae s (As buildin, Mae x As buildin, Mae As buildin, Mae	onny c Mortar (mic C onny c Mortar (mic C onny c Brick, corr E onny c Aerated/Ai C	PD BDA PD BDA Die Click Die Click	P2 P2 P33 P3 P3
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Macorry mortar/facing walf mortared cer Gipeindustrie) Macorry mortar/facing walf mortared certification and an advantage of the certification of the certif	2686.6 13948 15737 16635.4	m2 m	37662.07 53699.02 106159.1 164945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	9699.02 E 9699.02 E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildin, Mae As buildin, Mae s (As buildin, Mae x As buildin, Mae As buildin, Mae	onny c Mortar (mic C onny c Mortar (mic C onny c Brick, corr E onny c Aerated/Ai C	PD BDA PD BDA Die Click Die Click	P2 P2 P33 P3 P3
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Maconry mortar/facing wall with special properties, 1500 kg/m3, 1500 kg/m3, 1600 kg/m	2686.6 13948. 15737. 16635.4 16635.4	m2 m	37662.07 53699.02 106159.1 164945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	662.07 E E E E E E E E E E E E E E E E E E E	Internal w Cement/m 2.5.1.Exte Internal w Cement/m 2.5.1.Exte Internal w Brick/ston 2.5.1.Exte 60 brick Internal w Concrete c 2.5.1.Exte 440mm Internal w Landfilling 2.5.1.Exte Internal w Landfilling 2.5.1.Exte Internal w Landfilling 2.5.1.Exte	As buildini Mae As buildini Mae S (As buildini Mae X : As buildini Mae As buildini Mae As buildini Mae	onny c Mortar (mi C onny c Mortar (mi C onny c Brick, corr E onny c Aerated/Ai C onny c Stone woc C onny c Regular gi, C	PD BDA PD BDA PD Click PD Click PD Click	P2 P2 P33 P3 P3
A5 A5 A5	kg/m3 (Bundesverband cer Gipeindustrie) Macorry mortar/facing walf mortared cer Gipeindustrie) Macorry mortar/facing walf mortared certification and an advantage of the certification of the certif	2686.6 13948. 15737. 16635.4 16635.4	m2 m	37662.07 53699.02 106159.1 164945.5 29943.86	77981.14 9009.45 112845.78 24178.78 24178.78 7191.89 1093.8	5789.14 9009.45 12845.78 24178.78 10 53285.33 18 7191.89 22	662.07 E E E E E E E E E E E E E E E E E E E	Indernal w Cement/m 2.5.1.Exte Indernal w Cement/m 2.5.1.Exte Indernal w Brick/ston 2.5.1.Exte 60 brick Indernal w Concrete (2.5.1.Exte 440mm) Indernal w Landfilling 2.5.1.Exte	As buildini Mae As buildini Mae S (As buildini Mae X : As buildini Mae As buildini Mae As buildini Mae	onny c Mortar (mic C onny c Mortar (mic C onny c Brick, corr E onny c Aerated/Ai C	PD BDA PD BDA PD Click PD Click PD Click	P2 P2 P33 P3 P3

1	Masonry mortar/facing wall	ı					
	mortar/mortar with special properties, 1500 kg/m3,						
	EPD coverage: >1500						
В3	kg/m3 (IWM)	2686.63	3 m2		0		External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (mc Oekobau.c P2
	Red brick, average						
	production, UK, 215 mm x	:					
	102.5 mm x 65 mm, 2.13						
	kg/unit, 1485 kg/m3 (Brick						
	Development Association						
B3	(BDA) Ltd (2019))	13948.8	3 m2		0	0	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, corr EPD BDA P33
	Lightweight concrete						
	block, with expanded clay						
	aggregate, generic, 650						
	kg/m3 (40.6 lbs/ft3), 18						
	kg/block (39.7 lbs/block), 0.5x0.3x0.185 mm						
В3	(0.019x0.012x0.007 in)	15737.2					External w Concrete c 2.5.1.Exte 440mm x : As buildin Masonry c Aerated/Ai One Click P2
БЗ	(0.019x0.012x0.007 III)	13/3/.2	1112	_	- 0	· · · · · · · · · · · · · · · · · · ·	External w Concrete (2.5.1.Exter 440mm x. As building masoning of Aerateural One Crick P2
	Stone wool insulation						
	panels, unfaced, generic,						
	L = 0.037 W/mK, R =						
	2.70 m2K/W (15						
	ft2°Fh/BTU), 150 kg/m3						
	(9.36 lbs/ft3) (applicable						
	for densities: 100-150						
D2	kg/m3 (6.24-9.36 lbs/ft3)),	10005	,				
53	Lambda=0.037 W/(m.K)	16635.48	m2		U	U	External w Landfilling 2.5.1.Exte As building Masonry c Stone wor One Click P3
	Gypsum plaster board.						
	regular, generic, 6.5-25						
	mm (0.25-0.98 in), 10.725	:					
	kg/m2 (2.20 lbs/ft2) (for						
	12.5 mm/0.49 in), 858						
B3	kg/m3 (53.6 lbs/ft3)	16635.48	3 m2		0	0	External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q\ One Click P232
	Gypsum plaster, 1100						
	kg/m3 (Bundesverband	1					
B3	der Gipsindustrie)	16635.48	3 m2		0	0	External w Landfilling 2.5.1.Exte 30 Masonry c Gypsum p Oekobau.c P232
B3	Gypsum plaster, 1100	1	+				2.5.1.Exte
	kg/m3 (Bundesverband						
B4	der Gipsindustrie)	16635.48	3 m2	١.	413.86	8413.86	External W, Landfilling 2.5.1.Exte 30 Masonry c, Gypsum p, Oekobau.x P232
	Gypsum plaster, 1100	10000.40	7 1112		*15.00	0410.00	Externel w Earturning 2.5.1.Exter 50 Measuring Copyouth D Geodesia.
	kg/m3 (Bundesverband						
B5	der Gipsindustrie)	16635.48	3 m2	0	0		External w Landfilling 2.5.1.Exte 30 Masonry c Gypsum p Oekobau.c P232
	Masonry mortar/facing wall	1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	mortar/mortar with special						
	properties, 1500 kg/m3,						
	EPD coverage: >1500	l .					
	kg/m3 (IWM)	898.32	2 m2		847.74	847.74	External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (m: Oekobau.c Dumper tr P2
	Masonry mortar/facing wall						
	mortar/mortar with special						
	properties, 1500 kg/m3, EPD coverage: >1500						
C2	kg/m3 (IWM)	2686.63	3 m2	Ι.	208.71	1208.71	
OZ.	ngallo (ITTIN)					1205.71	
		2000.00	, <u>.</u>		200.71		External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (m: Oekobau.c Dumper tr P2
1	Red brick average	2000.03	, , , , ,		200.71		External w Cement/m 2.5.1.Extel As building Masonry c Mortar (mit Oekobau.c Dumper tri P2
	Red brick, average production, UK, 215 mm x		, III.		200.71		External w, Cement/m 2.5.1.Extel As buildin Masonry c Mortar (mi) Oekobau.c Dumper tn P2
	Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13				200.71		External w Cement/m 2.5.1.Extel As building Masonry c Mortar (mi) Oekobau.c Dumper tri P2
	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick		, ma		200.71		External w Cement/m 2.5.1.Exter As buildin Masonry c Mortar (mi.) Oekobau.c Dumper tn P2
	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association	1					
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019))				212.79	6212.79	External w, Cement/m 2.5.1.Exter As buildin Masonry c Mortar (mi) Oekobau.c Dumper tn P2 External w, Brick/ston 2.5.1.Exter 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete	1				6212.79	
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay	1				6212.79	
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650	1				6212.79	
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18	1				6212.79	
C2	production, UK, 215 mm x, 13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18 kg/block (39.7 lbs/block).	1				6212.79	
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18 kg/block (39.7 lbs/block), 0.5x0.3x0.185 mm	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x, 13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18 kg/block (39.7 lbs/block).	4	3 m2			6212.79 6435.45	
C2	production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18 kg/block (39.7 lbs/block), 0.5x0.3x0.185 mm	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
<u>C2</u>	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Birki Development Association (BDA) Ltd (2019)) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (406 bis/m3), 18 kg/bick (39.7 bis/bick), 0.50.3 x3.185 bis/m3 (10.0 bis/m3), 18 kg/bick (39.7 bis/bick), 18 kg/bic	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Ltd[shtweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18 kg/block (39.7 bs/block), 0.5x0.3x0.185 mm (0.019x0.012x0.007 in) Stone wool insulation panels, unfaced, generic, 10.03x0.185 mm (1.019x0.012x0.007 in)	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kglunit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019). Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/m3), 18 kg/block (93.7 lbs/block), 20.6 kg/block (93.7 kg/block),	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019)) Ltd[shtweight concrete block, with expanded clay aggregate, senseric, 650 kg/m3 (40.6 lbs/fl3), 18 kg/block (39.7 bs/block), 0.5x0.3x0.185 mm (0.019x0.012x0.007 in) Stone wool insulation panels, unfaced, generic, Le 0.037 WinK, R = 2.70 m2KW (15	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
<u>C2</u>	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019). Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/13), 18 (kg/block (93.7 lbs/block), 20.7 lbs/block), 20.7 lbs/block, 20.7 lbs/blo	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019) Leghtweight concrete Leghtweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweig	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019). Lightweight concrete block, with expanded clap aggregate, generic, 650 kg/m3 (40.6 lbs/m3), 18 kg/block (39.7 lbs/block), 20.50.30.165 mm (20.7 lbs/m3), 20.50.30.165 mm concept and several services of the concept and several	13948.8	3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tr P33 External w Concrete c 2.5.1.Exte 440mm x As buildin Masonry c Aerated/Ai One Click Dumper tr P2
C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019) Leghtweight concrete Leghtweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweig	13948.8	3 m2		212.79		External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Bick Development Association (BDA) Ltd (2019). Lughtweight concrete block, with expanded clay block, with expanded clay significant (BDA) Ltd (2019). Significant (BDA) Ltd (201	13948.8	3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tr P33 External w Concrete c 2.5.1.Exte 440mm x As buildin Masonry c Aerated/Ai One Click Dumper tr P2
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019) (BDA) Ltd (2019) block, with expanded clay aggregate, generic, 650 kg/m3 (406. blest3), 18 kg/block (39.7 lbs/block), 0.50.3 x0.4 185 km/s13, 18 kg/block (39.7 lbs/block), 0.50.3 x0.4 185 km/s13, 18 kg/block (39.7 lbs/block), 50.50 x0.4 185 km/s13, 18 kg/block (39.7 lbs/block), 50.50 x0.4 185 km/s13, 18 kg/block (39.7 lbs/block), 50.50 x0.50 km/s13, 18 kg/block (39.8 lbs/s13), 18 kg/s13 kg/s1 kg/s13 kg/s1	13948.8	3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tr P33 External w Concrete c 2.5.1.Exte 440mm x As buildin Masonry c Aerated/Ai One Click Dumper tr P2
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umi, 1.485 kg/m3 (Back Development Association (BDA) Ltd (2019). Ltdpftweight concrete block, with expanded clay sign of 40.6 lbs/ltd), 18 kg/lbick (19.7 lbs/lbick), 0.50.3.03.0185, 0.50.3.03.0185, 0.50.3.03.0185, 0.50.0120, 0.07 lm). Stone wood insulation panels, unfaced, generic, L = 0.037 W/m K, R = 2.70 m.ZKW (19.7 lbs/lbick), 0.36.3.03.0185, 0.50.0120, 0.07 lbs/lbick), 0.36.0187, 0.50.0120, 0.07 lbs/lbick, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50.0120, 0.50	13948.8	3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tr P33 External w Concrete c 2.5.1.Exte 440mm x As buildin Masonry c Aerated/Ai One Click Dumper tr P2
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019). Boxelopment Association (BDA) Ltd (2019). Boxelopment Association (BDA) Ltd (2019). Boxelopment Association (BDA) Ltd (2019). Boxelopment, 650 kg/m3 (40.6 lbs:m513), 18 kg/block (39.7 lbs:hbock), 05.03.03.18 lbs:m513), 18 kg/block (39.7 lbs:hbock), 05.03.03.18 lbs:m513, 18 lbs	13948.8	3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tr P33 External w Concrete c 2.5.1.Exte 440mm x As buildin Masonry c Aerated/Ai One Click Dumper tr P2
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umi, 1485 kg/m3 (Brck ben, 2.13 kg/umi, 1485 kg/m3 (Brck bevelopment Association (BDA) Ltd (2019). Lightweight concrete block, with expanded clay aggregate, generic, 630 kg/m3 (62.45 mb), 2012 mm, (0.019x0.012x0.007 in). Stone wood insulation panels, unfaced, generic, 10.50 kg/m3 (2.47 mb), 2012 mm, (0.019x0.012x0.007 in). Stone wood insulation panels, unfaced, generic, L = 0.037 W/m K, R = 2.77 m ZKW (10 kg/m3 (6.24 s.27 m ZKW (10 kg/m3 (6.24 s.28 bs/m3 (6.24 s.24 s.28 bs/m3 (6.24 s.28 bs/m3	13948.8 15737.2 16635.48	3 m2 2 m2 3 m2		212.79 435.45	6435.45 1095.26	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/A One Click Dumper tn P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woo One Click Dumper tn P3
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019). Development Association (BDA) Ltd (2019). Book with repanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/m3), 18 kg/block (93.7 lbs/block), 0.50.30.418 ks/m3 (10.6 lbs/m3), 18 kg/block (93.7 lbs/block), 0.50.30.418 ks/m3, 0.50.30.40 mm) (0.0190.0120.007 im) (0.0190.0120.007 im) (0.9180.0120.007 im) (0.9180.0120.007 im) (0.9180.0120.007 im) (0.9180.0120.0120.007 im) (0.9180.0120.0120.007 im) (0.9180.0120.0120.0120.0120.0120.0120.0120.0	13948.8	3 m2 2 m2 3 m2		212.79 435.45	6435.45	External w Brick/ston 2.5.1.Extel 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tri P33 External w Concrete c 2.5.1.Extel 440mm x. As buildin Masonry c Aerated/A One Click Dumper tri P2
C2 C2	production, UK, 215 mm x. 102.5 mm x. 68 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019). Ltd (20	13948.8 15737.2 16635.48	3 m2 2 m2 3 m2		212.79 435.45	6435.45 1095.26	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper tn P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/A One Click Dumper tn P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woo One Click Dumper tn P3
C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Bick bm, 2.14 kg/bick)	13948.8 15737.2 16635.48	3 m2 2 m2 3 m2		212.79 435.45	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, com EPD BDA Dumper tri P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/A One Click Dumper tri P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper tri P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper tri P32
C2 C2	production, UK, 215 mm x. 102.5 mm x. 68 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association (BDA) Ltd (2019). Ltd (20	13948.8 15737.2 16635.48	3 m2 2 m2 3 m2		212.79 435.45 095.26	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper to P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/Ai One Click Dumper to P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper to P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P22
C2 C2 C2 C2 C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019). Beasociation (BDA) Ltd (2019). Beasociation block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbsm53), 18 kg/lbtock (93.7 lbs/block), 0.50.3 x0.4 185 km53), 18 kg/lbtock (93.8 lbs/m3), 16 x0.5 kg/m3 (6.249.3 8 lbs/m3), 18 kg/lbtock (93.8 lbs/m3), 10 x0.5 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2) (6.5-25 mm (0.25-0.	13948.8 15737.2 16635.48 16635.48	3 m2 2 m2 3 m2		212.79 435.45	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper to P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/A; One Click Dumper to P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper to P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q; One Click Dumper to P22
C2 C2 C2 C2 C2 C2	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019). Beasociation (BDA) Ltd (2019). Beasociation block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbsm53), 18 kg/lbtock (93.7 lbs/block), 0.50.3 x0.4 185 km53), 18 kg/lbtock (93.8 lbs/m3), 16 x0.5 kg/m3 (6.249.3 8 lbs/m3), 18 kg/lbtock (93.8 lbs/m3), 10 x0.5 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2 (2.2 lbs/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2) (6.5-25 mm (0.25-0.98 lm), 10 x25 kg/m2) (6.5-25 mm (0.25-0.	13948.8 15737.2 16635.48 16635.48	3 m2 2 m2 3 m2		212.79 435.45 095.26	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper to P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/Ai One Click Dumper to P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper to P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P22
C2 C2 C2 C2 C2 C2	production, UK, 215 mm x. 13 kg/unit, 1485 kg/m3 (Bick Development Association (BDA) Ltd (2019). Ltd (2019) bid (BDA) Ltd (2019) bid (20	13948.8 15737.2 16635.48 16635.48	3 m2 2 m2 3 m2		212.79 435.45 095.26	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper to P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/Ai One Click Dumper to P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper to P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P22
C2 C2 C2 C2 C2	production, UK, 215 mm x. 102.5 mm x. 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brck Development Association (BDA) Ltd (2019). Ltd (2019) Ltd	13948.8 15737.2 16635.48 16635.48	3 m2 2 m2 3 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 3915.69	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, con EPD BDA Dumper to P33 External w Concrete c 2.5.1.Exte 440mm x: As buildin Masonry c Aerated/Ai One Click Dumper to P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Dumper to P3 External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P22
C2 C2 C2 C2 C3	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/umit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019). Development Association (BDA) Ltd (2019). Book with expanded clay aggregate, generic, 650 kg/m3 (40.6 lbs/m3), 18 kg/block (9.9 / lbs/lbs/m3), 18 kg/block (9.9 / lbs/lbs/m3), 18 kg/block (9.9 / lbs/lbs/m3), 10.500 about 150 mm). Con 190. 012-0. 007 im). Store word inscutation panels, unfaced, generic, e. 0.437 km/km, R = 2.70 m2K/W (15 kg/m3 (6.249.36 lbs/m3), 10.725 kg/m3 (6.249.36 lbs/m3), 10.725 kg/m3 (6.249.36 lbs/m3), 10.725 kg/m3 (6.249.36 lbs/m3), 10.725 kg/m3 (2.20 lbs/m3), 10.725 kg/m3 (2.20 lbs/m3), 10.725 kg/m3 (2.20 lbs/m3). Gybsum plaster, 1100 kg/m3 (Bundesvetband der Gipsindustrie) kg/m3 (Bundesvetband der Gipsindustrie) kg/m3 (Bundesvetband der Gipsindustrie) kg/m3 (Bundesvetband der Gipsindustrie) kg/m3 (Bundesvetband kg/m3 (Bundesvetband kg/m3 (Bundesvetband kg/m3) kg/m3 (Bundesvetband kg/m3) (EPD coverage: >1500 kg/m3 (Bym3) (Sym3) (13948.8 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 3 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 3915.60 100.64 19876.28	External w Concrete c 2.5.1.Exte External w Concrete c 2.5.1.Exte External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P32 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33
C2 C2 C2 C2 C2 C3	production, UK, 215 mm x. 13 kg/umit, 1485 kg/m3 (Brack Development Association Conviction and Association (Lighthweight Converted Hook, with expanded clay aggregate, generic, 650 kg/m3 (Brack G9.7 bps:100-100), 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500, 500-500	15737.2 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 3 m2		212.79 435.45 095.26	1095.26 3915.69	External w Concrete c 2.5.1.Exte External w Concrete c 2.5.1.Exte External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P32 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33
C2 C2 C2 C2 C2 C3	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Bick bm, 2.14 kg/bick)	15737.2 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 3 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 3915.60 100.64 19876.28	External w Concrete c 2.5.1.Exte External w Concrete c 2.5.1.Exte External w Landfilling 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P3 External w Concrete c 2.5.1.Exte External w Landfilling 2.5.1.Exte As buildin Masonry c Stone wo: One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P32 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular q One Click Dumper to P232 External w Landfilling 2.5.1.Exte 30 Masonry c Gypsum p Oekobau.c Dumper to P232
C2 C2 C2 C2 C2 C3	production, UK, 215 mm x. 13 kg/umit, 1485 kg/m3 (Brack Development Association (BDA) Let (2019) (BDA) Let (15737.2 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 3 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 3915.60 100.64 19876.28	External w Concrete c 2.5.1.Exte 440mm x. As buildin Masonry c Brick, con EPD BDA Dumper tri P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone wor. One Click Dumper tri P3 External w Concrete c 2.5.1.Exte As buildin Masonry c Stone wor. One Click Dumper tri P3 External w Concrete c 2.5.1.Exte As buildin Masonry c Regular on One Click Dumper tri P3 External w Concrete c 2.5.1.Exte As buildin Masonry c Regular on One Click Dumper tri P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular on One Click Dumper tri P232 External w Landfilling 2.5.1.Exte 30 Masonry c Gypsum p Oekobau.c Dumper tri P232
C2 C2 C2 C2 C3	production, UK, 215 mm x. 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Binck Development Association (BDA) Ltd (2019) Lughtweight concrete Lughtweightweight Lughtweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweightweighausen auch einstelle haben auch einstelle haben auch einstelle ha	13948.8 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 2 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 1095.26 3915.69 160.64 19876.28	External w Candrilling 2.5.1.Exte As buildin Masonry c Brick, corr EPD BDA Dumper tri P2 External w Landfilling 2.5.1.Exte As buildin Masonry c Stone wor. One Click Dumper tri P3 External w Cypsum n 2.5.1.Exte As buildin Masonry c Regular of One Click Dumper tri P232 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular of One Click Dumper tri P232 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular of One Click Dumper tri P232 External w Landfilling 2.5.1.Exte As buildin Masonry c Masonry c Open p Oekobau.c Dumper tri P232 External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (mr. Oekobau.c Dumper tri P232
C2 C2 C2 C2 C2 C2 C2 C2 C3	production, UK, 215 mm x. 13 kg/umit, 1485 kg/m3 (Brack Development Association (BDA) Let (2019) (BDA) Let (15737.2 15737.2 16635.48 16635.48	3 m2 3 m2 3 m2 2 m2		212.79 435.45 095.26 915.69 160.64 876.28	1095.26 3915.60 100.64 19876.28	External w Concrete c 2.5.1.Exte External w Concrete c 2.5.1.Exte External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P3 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P32 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33 External w Landfilling 2.5.1.Exte As buildin Masonry c Regular g One Click Dumper to P33

_				
Red brick, average				
production, UK, 215 mm >	x			
102.5 mm x 65 mm, 2.13				
kg/unit, 1485 kg/m3 (Brick	k			
C3 (BDA) Ltd (2019))				
Lightweight concrete	13948.8 m2	734.38	734.38	External w Brick/ston 2.5.1.Exte 60 bricks (As buildin Masonry c Brick, com EPD BDA P33
block, with expanded clay				
aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18				
kg/m3 (40.6 lbs/ft3), 18				
kg/block (39.7 lbs/block),				
0.5x0.3x0.185 mm (0.019x0.012x0.007 in)	45707.00	700 7	700 7	5
C3 (0.019x0.012x0.007 in)	15737.2 m2	760.7	760.7	External w Concrete (2.5.1.Exte 440mm x As buildin) Masonry c Aerated/Ai One Click P2
Stone wool insulation				
panels, unfaced, generic,				
L = 0.037 W/mK, R =				
2.70 m2K/W (15				
ft2°Fh/BTU), 150 kg/m3				
(9.36 lbs/ft3) (applicable				
for densities: 100-150 kg/m3 (6.24-9.36 lbs/ft3)),				
C3 Lambda=0.037 W/(m.K)	16635 49 m2	0		External w Landfilling 2.5.1.Exte As building Masonry c Stone woo One Click P3
	10000.40 1112	0		
Gypsum plaster board,				
regular, generic, 6.5-25				
mm (0.25-0.98 in), 10.725	5			
kg/m2 (2.20 lbs/ft2) (for				
12.5 mm/0.49 in), 858 C3 kg/m3 (53.6 lbs/ft3)	16635.48 m2	126.36	126.36	External w Gypsum n 2.5.1.Extel As buildin Masonry c Regular g) One Click P232
Gypsum plaster, 1100	10033.48 M2	126.36	120.00	External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular g One Click P232
kg/m3 (Bundesverband				
C3 der Gipsindustrie)	16635.48 m2	0	0	External w Landfilling 2.5.1.Extel 30 Masonry c Gypsum p Oekobau.c P232
C3		1864.52	1864.52	2.5.1.Exte
Stone wool insulation				
panels, unfaced, generic, L = 0.037 W/mK, R =				
L = 0.037 W/mK, R = 2.70 m2K/W (15				
ft2°Fh/BTU), 150 kg/m3				
(9.36 lbs/ft3) (applicable				
for densities: 100-150				
kg/m3 (6.24-9.36 lbs/ft3)).	,			
C4 Lambda=0.037 W/(m.K)	16635.48 m2	973.23	973.23	External w Landfilling 2.5.1.Exte As buildin Masonry c Stone woc One Click Inert mate P3
Gypsum plaster, 1100				
kg/m3 (Bundesverband	10005 10	142.74	142.74	Edonal vi Londillina 2 5 4 Edo
C4 der Gipsindustrie)	16635.48 m2	142.74 1115.97	142.74 1115.97	External w Landfilling 2.5.1.Exte 30 Masonry c Gypsum p Oekobau.t Inert mate P232 2.5.1.Exte
Masonry mortar/facing wal	1	1115.97	111001	2.0. I.LAIC
mortar/mortar with special	ı L			
properties, 1500 kg/m3,				
EPD coverage: >1500				
D kg/m3 (IWM)	898.32 m2	-5136.74	-5136.74	External w Cement/m 2.5.1.Exte As building Masonry c Mortar (mr. Oekobau.c P2
Masonry mortar/facing wal	dl .			
mortar/mortar with special properties, 1500 kg/m3.	'			
EPD coverage: >1500				
D kg/m3 (IWM)	2686.63 m2	-7324.02	-7324.02	External w Cement/m 2.5.1.Exte As building Masonry c Mortar (ma Oekobau.c P2
D Inglino (TVIII)	2000.00 1112	7024.02	7024.02	Estatus W General Zo. 1. Esta 110 balan ji masan y a matar (in General
Red brick, average				
production, UK, 215 mm >	x			
102.5 mm x 65 mm, 2.13				
kg/unit, 1485 kg/m3 (Brick	k			
Development Association D (BDA) Ltd (2019))	13948.8 m2	-8751.84	-8751.84	External w Brick/ston 2.5.1.Extel 60 bricks (As buildin Masonry c Brick, com EPD BDA P33
Lightweight concrete	13040.0 INZ	-0/01.84	0.0.04	Exercise in Shokratorii 2.3.1.Exte ou brioka i ha burium Messuriiy o Diluk, cum CFD DDA P33
block, with expanded clay	1			
aggregate, generic, 650				
kg/m3 (40.6 lbs/ft3), 18				
kg/block (39.7 lbs/block),				
0.5x0.3x0.185 mm	15797.0	E0004 5	E2004 E	Estamply Consists v 2 5 1 February V An Hydright Manney v Angeletic Manney v Angeletic V Cons Clink
D (0.019x0.012x0.007 in)	15737.2 m2	-53961.5	-53961.5	External w Concrete (2.5.1.Extel 440mm x As buildin) Masonry c Aerated/Al One Click P2
Gypsum plaster board,				
regular, generic, 6.5-25				
mm (0.25-0.98 in), 10.725	5			
kg/m2 (2.20 lbs/ft2) (for				
12.5 mm/0.49 in), 858	16635.48 m2	-441.51	-441.51	External w Guncum n 2.5.1 Exter Ac huilding Manager of Describer on One Clinic
D kg/m3 (53.6 lbs/ft3)	10035.48 M2	-441.51	-991.31	External w Gypsum n 2.5.1.Exte As buildin Masonry c Regular g One Click P232
Masonry mortar/facing wal	11			Z.J. I.CARE
mortar/mortar with special	ri l			
properties, 1500 kg/m3,				
EPD coverage: >1500				
TOTAL kg/m3 (IWM)	898.32 m2	78312.88	78312.88	 External w Cement/m 2.5.1.Exte As building Masonry c Mortar (ma Oekobau.c P2
Masonry mortar/facing wal				
morter/morter with consist	di l			
mortar/mortar with special properties, 1500 kg/m3.	1			
properties, 1500 kg/m3, EPD coverage: >1500				
mortar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 TOTAL kg/m3 (IWM)	2686.63 m2	111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildini Masonry c Mortar (mr Oekobau.c P2
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM)		111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildin Masonry c Mortar (m/ Oekobau c P2
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Red brick, average	2686.63 m2	111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildini Masonry c Mortar (m. Oekobau.c P2
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Red brick, average production, UK, 215 mm >	2686.63 m2	111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildini Masonry c Mortar (m/ Oekobau.c P2
properties, 1500 kg/m3, EPD coverage: >1500 TOTAL kg/m3 (IWM) Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13	2686.63 m2	111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildini Masonny c Mortar (mc Oekobsu.c P2
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IVM) Red brick, average production, UK, 215 mm 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick	2686.63 m2	111659.4	111659.4	External w Cement/m 2.5.1.Exte As buildini Masonrv c Mortar (m/ Oekobau.c P2
properties, 1500 kg/m3, EPD coverage: >1500 Kg/m3 (IWM) Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association	2686.63 m2 x			
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick Development Association TOTAL (BOA) Ltd (2019)	2686.63 m2	111659.4 507754.3	111659.4	External w Cement/m 2.5.1.Exte As buildini, Masonry c Mortar (m/ Oekobau.c P2 External w Brick/ston 2.5.1.Exte 60 bricks (As buildini, Masonry c Brick, corr EPD BDA P33
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IWM) Red brick, average production, UK, 215 mm 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick DOD) (BDA) Ltd (2019) Ughtweight concrete	2686.63 m2 x k 13948.8 m2			
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (IVM) Red brick, average production, UK, 216 mm y 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick) Development Association TOTAL (BDA) Ltd (2019) Lightweight concrete block, with expanded clay	2686.63 m2 x k 13948.8 m2			
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3, TOTAL Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick) Development Association TOTAL BDA) Ltd (2019) Lightweight concrete block, with expanded clay aggregate, generic, 650 kg/m3 (40.6 fibs/m3, 61)	2686.63 m2 x k 13948.8 m2			
properties, 1500 kg/m3, EPD coverage: >1500 kg/m3, TOTAL Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kg/uml, 1485 kg/m3 (Brick TOTAL Development Association TOTAL EDU, Mar (2019) Start (2019) Brick, with expanded class aggregate, generic, etso kg/m3 (40.6 lbs/fl3), 18 kg/block (39.7 lbs/flock), 18 kg/block (39.7 lbs/flock), 19 kg/bloc	2686.63 m2 x k 13948.8 m2			
properties, 1500 kg/m3, EPD coverage. >1500 kg/m3, TOTAL kg/m3 (W/M) Red brick, average m 102.5 mm x 65 mm, 2.13 kg/unit, 1465 kg/m3 (Brick) Development Association (BDA) Ltd (2019) Lightweight concrete labox, with expanded clay aggregate, generic, 650 kg/block (39.7 lbe/block), 0.50.30.165 mm x 65 mm	2686.63 m2 x k 13948.8 m2	507754.3		External w Brick/ston 2.5.1.Exte 60 bricks (As building Masonny c Brick, corr EPD BDA P33
properfise, 1500 kg/m3, EPC overage: +1500 TOTAL kg/m3 (WM) Red brick, average production, UK, 216 mm x 102.5 mm x 65 mm, 2.13 kg/m1, 1456 kg/m3 (Girls TOTAL (GIRS) (2019) More thank to the company of the com	2686.63 m2 x k 13948.8 m2			

	Stone wool insulation										
	panels, unfaced, generic, L = 0.037 W/mK, R =										
	2.70 m2K/W (15 ft2°Fh/BTU), 150 kg/m3										
	(9.36 lbs/ft3) (applicable for densities: 100-150										
TOTAL	kg/m3 (6.24-9.36 lbs/ft3)), Lambda=0.037 W/(m.K)	10025 40		35322.4	535322.4				External w Landfilling 2.5.1.Exte	As building Masonry c Stone woo One Click	P3
TOTAL		10030.48	m2 5.	35322.4	535322.4				external w Landilling 2.5.1.Extel	As buildin Masonry C Stone Woo One Click	P3
	Gypsum plaster board, regular, generic, 6.5-25										
	mm (0.25-0.98 in), 10.725 kg/m2 (2.20 lbs/ft2) (for										
TOTAL	12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3)	16635.48	m2	64727	64727				External w Gypsum n 2.5.1.Exte	As buildin Masonry c Regular g One Click	P232
TOTAL	Gypsum plaster, 1100 kg/m3 (Bundesverband	10000.40	III2	04121	04727				External w Gypsum ii 2.3.1.Exte	As building twastering of regular gry one orick	1 232
TOTAL	der Gipsindustrie)	16635.48	m2 1	7921.52	17921.52			E	External w Landfilling 2.5.1.Exte	30 Masonry c Gypsum p Oekobau.c	P232
TOTAL	Masonry mortar/facing wall								2.5.1.Exte		
	mortar/mortar with special properties, 1500 kg/m3,										
hioC	EPD coverage: >1500	898.32	m2						External w Cement/m 2.5.1.Exte	As building Masonry c Mortar (ma Oekobau.c	D2
bioC	kg/m3 (IWM) Masonry mortar/facing wall		IIIZ	-					External W Cernellotti 2.3.1.Exte	As building masoning of worter (the Oekobad.)	P2
	mortar/mortar with special properties, 1500 kg/m3,										
bioC	EPD coverage: >1500 kg/m3 (IWM)	2686.63	m2	0	0			E	External w Cement/m 2.5.1.Exte	As building Masonry c Mortar (ma Oekobau.c	P2
	Red brick, average										
1	production, UK, 215 mm x										
1	102.5 mm x 65 mm, 2.13 kg/unit, 1485 kg/m3 (Brick										
bioC	Development Association (BDA) Ltd (2019))	13948.8	m2	0	0			E	External w Brick/ston 2.5.1.Exte 60 bricks	As building Masonry c Brick, com EPD BDA	P33
	Lightweight concrete block, with expanded clay										
1	aggregate, generic, 650 kg/m3 (40.6 lbs/ft3), 18										
	kg/block (39.7 lbs/block),										
bioC	0.5x0.3x0.185 mm (0.019x0.012x0.007 in)	15737.2	m2	o	0			E	External w Concrete (2.5.1.Extel 440mm x	As building Masonry c Aerated/Ag One Click	P2
	Stone wool insulation										
1	panels, unfaced, generic,										
	L = 0.037 W/mK, R = 2.70 m2K/W (15										
	ft2°Fh/BTU), 150 kg/m3 (9.36 lbs/ft3) (applicable										
	for densities: 100-150 kg/m3 (6.24-9.36 lbs/ft3)),										
bioC	Lambda=0.037 W/(m.K)	16635.48	m2	0	0			E	External w Landfilling 2.5.1.Exte	As building Masonry c Stone woc One Click	P3
	Gypsum plaster board,										
	regular, generic, 6.5-25 mm (0.25-0.98 in), 10.725										
	kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858										
bioC	kg/m3 (53.6 lbs/ft3) Gypsum plaster, 1100	16635.48	m2	0	0			E	External w Gypsum n 2.5.1.Exte	As buildin Masonry c Regular gy One Click	P232
hio€	kg/m3 (Bundesverband	16635.48	m2						External w Landfilling 2.5.1 Exter	30 Macanni e Gineum n Oekohei i	P232
bioC bioC	der Gipsindustrie)	10035.48		U	0				External w Landfilling 2.5.1.Exte 2.5.1.Exte	30 Masonry c Gypsum p Oekobau.c	P232
	PVC frame window,		6054699 2	2079454	2079454			5588423	2.5.1.Exte		
1	double glazed, Fenêtre en PVC double vitrage										
1	(DONNEE ENVIRONNEMENTALE										
A1 A2	GENERIQUE PAR	1559.8	m2 C 1	76363.9		176363.9		۵.	Mindows Glass con 2.6.1 Fide	40 Double die BVC fram MDECD I	P8
A1-A3 A1-A3	DEFAUT)	1009.8	mz 0 1.	76363.9 76363.9		176363.9 176363.9	0	UV	Windows Glass-con/ 2.6.1.Extel 2.6.1.Extel	40 Double gla PVC frame MDEGD_F	18
	PVC frame window, double glazed, Fenêtre en										
l	PVC double vitrage (DONNEE										
1	ENVIRONNEMENTALE GENERIQUE PAR										
A5	DEFAUT)	1559.8	m2 0	0		0		0 V	Windows Glass-con/ 2.6.1.Exte	40 Double gla PVC frame MDEGD F	P8
A5	PVC frame window,								2.6.1.Exte		
	double glazed, Fenêtre en PVC double vitrage										
l	(DONNEE ENVIRONNEMENTALE										
B3	GENERIQUE PAR DEFAUT)	1559.8	m2	0					Nindows Glass_con 2 6 1 Evic	40 Double gla PVC frame MDEGD_F	P8
B3		1339.8		U				, v	Windows : Glass-con 2.6.1.Exte 2.6.1.Exte	-0 Double gig r vo lialili MDEGD_t	го
l	PVC frame window, double glazed, Fenêtre en										
l	PVC double vitrage (DONNEE										
I	ENVIRONNEMENTALE GENERIQUE PAR										
B4	DEFAUT)	1559.8	m2 1	76363.9		176363.9		0 V	Windows Glass-con 2.6.1.Exte	40 Double gla PVC frame MDEGD F	P8
I	PVC frame window, double glazed, Fenêtre en										
	PVC double vitrage (DONNEE										
	ENVIRONNEMENTALE										
	GENERIQUE PAR			0				0.1	Vindows Glass-con 2.6.1.Exter	40 Double gla PVC frame MDEGD F	De De
B5	DEFAUT)	1559.8	m2 U	- 0				0 1	TINDONO (OILDO GOT) E.G. T.EXIO	40 Double gig F VC Italii WDEGD 1	10

PVC frame window, double glazed, Fenêtre en														
PVC double vitrage														
(DONNEE														
ENVIRONNEMENTALE GENERIQUE PAR														
C3 DEFAUT)	1559.8	m2			0			Windows	Glass-con/ 2.6.1.Exter	40 Do	uble gla PVC frame MDEG) F	P8	1
C3									Glass-con 2.6.1.Exte 2.6.1.Exte					
PVC frame window, double glazed, Fenêtre en														
PVC double vitrage														
(DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR C4 DEFAUT)	1559.8	m2						Mindowe	Glass-coni 2.6.1.Exte	40 Do	uble gla PVC frame MDEG) I loort moto	P8	,
PVC frame window,	1339.0	112						WINDOWS	Glass-cori 2.6.1.Exte	40 DO	uble gla FVC II allik INDEG	J_r men mater	FC	
double glazed, Fenêtre en														
PVC double vitrage (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR														
D DEFAUT)	1559.8	n2			0			Windows	Glass-con/ 2.6.1.Exte	40 Do	uble gla PVC frame MDEG) F	P8	,
PVC frame window, double glazed. Fenêtre en														
PVC double vitrage														
(DONNEE														
ENVIRONNEMENTALE GENERIQUE PAR														
TOTAL DEFAUT)	1559.8	m2	352727.		352727.8			Windows	Glass-coni 2 6 1 Evte	40 P~	uble gla PVC frame MDEG		P8	,
TOTAL	.558.6		302121						Glass-con 2.6.1.Exte 2.6.1.Exte	40 20	gra r vo riann wiDEG	-		
PVC frame window,														
double glazed. Fenêtre en														
PVC double vitrage (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR		_							L			_]		
bioC DEFAUT)	1559.8	n2			U			windows	Glass-con 2.6.1.Exte 2.6.1.Exte	40 Do	uble gla PVC frame MDEG	J 1	PE	
			352727.		352727.8				2.6.1.Exte					
Door, PVC, flush, French														
average, Porte pleine en PVC (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR									L.					
A1-A3 DEFAUT)	228	n2 4	889.92 29125.6		29125.67	0	4889.92	Windows	Glass-con 2.6.Windo	40	Glass door MDEG	J_F	P8	
Door, PVC, flush, French average, Porte pleine en														
PVC (DONNEE														
ENVIRONNEMENTALE														l
GENERIQUE PAR A4 DEFAUT)			00		290.97		l.	Mind	Class sand 2 6 Mills 4	40	Class 4		_	, I
Door, PVC, flush, French	228	112	280.8		280.87			ww.indows	Glass-con 2.6.Windo	40	Glass door MDEG	,	P8	
average, Porte pleine en														
PVC (DONNEE														I
ENVIRONNEMENTALE GENERIQUE PAR														
A5 DEFAUT)	228	n2	0				0	Windows	Glass-con 2.6.Windo	40	Glass door MDEG) i	PE	,
Door, PVC, flush, French													- 1	
average, Porte pleine en PVC (DONNEE														
PVC (DONNEE ENVIRONNEMENTALE														
GENERIQUE PAR														
B3 DEFAUT)	228	m2			0			Windows	Glass-con 2.6.Windo	40	Glass door MDEG	1_C	P8	,
Door, PVC, flush, French	T						T							
average, Porte pleine en PVC (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR		_			1				L. L					
B4 DEFAUT) Door, PVC, flush, French	228	n2	29597.3		29597.36		4889.92	Windows	Glass-con 2.6.Windo	40	Glass door MDEG	1	P8	
average, Porte pleine en														
PVC (DONNEE														
ENVIRONNEMENTALE GENERIQUE PAR														
B5 DEFAUT)	228	m2	0				0	Windows	Glass-con/ 2.6.Windo	40	Glass door MDEG		P8	,
Door PVC flush French	110	-	-				-		2.2.2.2.0.111100		OLUG GOO MIDEG		- 10	_
average, Porte pleine en PVC (DONNEE														
PVC (DONNEE ENVIRONNEMENTALE														
GENERIQUE PAR														
C2 DEFAUT)	228	m2	187.2		187.25			Windows	Glass-con 2.6.Windo	40	Glass door MDEG	D_F Trailer con	P8	j.
Door, PVC, flush, French	T						T							
average, Porte pleine en PVC (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR									0				L.	, I
C3 DEFAUT) Door, PVC, flush, French	228	n2	1.0		1.02			windows	Glass-con 2.6.Windo	40	Glass door MDEG		P8	
average. Porte pleine en														
PVC (DONNEE														
ENVIRONNEMENTALE														
GENERIQUE PAR C4 DEFAUT)	228	m2	2.5		2.54			Windows	Glass-con/ 2.6.Windo	40	Glass door MDEG	Inert mate	P8	,
Door, PVC, flush, French	226		2.5		2.07			·· indUWS	CAUGPOUT Z.O. WITHUU	40	Grass GOOLINDEO	. men mate	PE	
average, Porte pleine en														
PVC (DONNEE ENVIRONNEMENTALE														
ENVIRONNEMENTALE GENERIQUE PAR														
D DEFAUT)	228	n2	-102.		-102.4			Windows	Glass-con 2.6.Windo	40	Glass door MDEG) i	P8	į.
Door, PVC, flush, French														
average, Porte pleine en PVC (DONNEE														
PVC (DONNEE ENVIRONNEMENTALE														
GENERIQUE PAR														
TOTAL DEFAUT)	228	m2	59194.7		59194.72			Windows	Glass-con 2.6.Windo	40	Glass door MDEG	1 0	P8	,

Door, PVC, flush, French												
average, Porte pleine en												ŀ
PVC (DONNEE ENVIRONNEMENTALE												
GENERIQUE PAR												
bioC DEFAUT)	228 n	m2 48	0 189.92 59194.72	59194.72	97	779.83	Vindows Glass-con 2.6.Windo 2.6.Windo	40	Gla	ss door MDEGD_F	P8	<i>i</i>
Planed timber, conifer												
A1-A3 (Treindustrien) Glass wool insulation	1092.95 n	n2 448	85.82 6496.78	6496.78	70692.01	- I	nternal wa Wood inci 2.7.1.Wall Quantity	As building	Wooden si Pla	n wood Structural	P5	
panels, unfaced, generic L = 0.031 W/mK, R =	,											
3.23 m2K/W (18												
ft2°Fh/BTU), 25 kg/m3												
(1.56 lbs/ft3), (applicable for densities: 0-25 kg/m3	3											
(0-1.56 lbs/ft3)),												
A1-A3 Lambda=0.031 W/(m.K)	8329.048 n	n2 208	23215.92	23215.92	0	- I	nternal wa Landfilling 2.7.1.Wall Quantity	As building	Wooden si Gla	ss woo One Click	P3	-
Gypsum plaster board, regular, generic, 6.5-25												
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72	25											
kg/m2 (2.20 lbs/ft2) (for												
12.5 mm/0.49 in), 858 A1-A3 kg/m3 (53.6 lbs/ft3)	9422 n	n2 105	096.4 30301.96	30301.96	0 105	5096.4 I	nternal wa Gypsum n 2.7.1.Wall	As building	Wooden s Reg	ular gy One Click	P2	232
								,				
Gypsum plaster board, regular, generic, 6.5-25												
mm (0.25-0.98 in), 10.72	25											1
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858												- 1
A1-A3 kg/m3 (53.6 lbs/ft3) A1-A3	9422 n	n2 105	096.4 30301.96 001.3 90316.63	93031 96 99315.63	0 105 70692.01 210	5096.4 I	nternal wa Gypsum n 2.7.1.Wall 2.7.1.Wall	As building	Wooden s Rec	ular gy One Click	P2	232
Planed timber, conifer					/0692.01 210							
A4 (Treindustrien)	1092.95 n	n2	2583.94	2583.94		h	nternal wa Wood inci 2.7.1.Wall Quantity	As building	Wooden s Pla	n wood Structural	P5	į.
Glass wool insulation panels, unfaced, generic	,											,
L = 0.031 W/mK, R = 3.23 m2K/W (18												
ft2°Fh/BTU), 25 kg/m3												- 1
(1.56 lbs/ft3), (applicable												
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)),												,
A4 Lambda=0.031 W/(m.K)	8329.048 n	m2	239.21	239.21		h	nternal wa Landfilling 2.7.1.Wall Quantity	As building	Wooden s Gla	ss woo One Click	P3	į
Gypsum plaster board,												
regular, generic, 6.5-25												
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858	25											
12.5 mm/0.49 in), 858	0400		1207.32	1207.32		١.	0.74 W.			000		000
A4 kg/m3 (53.6 lbs/ft3)	9422 n	n2	1207.32	1201.32			nternal wa Gypsum n 2.7.1.Wall	As building	wooden s Reg	ular gy One Click	P2	232
Gypsum plaster board,												
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72	25											
ka/m2 (2.20 lbs/ft2) (for												
12.5 mm/0.49 in), 858 A4 kg/m3 (53.6 lbs/ft3)	9422 n	m2	1207.32	1207.32			nternal wa Gypsum n 2.7.1.Wali	As building	Wooden s Rec	ular gv One Click	P2	232
A4			5237.79	5237.79			2.7.1.Wali					
Planed timber, conifer A5 (Treindustrien)	1092.95 n	n2 80	1759.82	1759.82		ı	nternal wa Wood inci 2.7.1.Wall Quantity	As building	Wooden s Pla	n wood Structural	P5	5
Glass wool insulation								,				
panels, unfaced, generic L = 0.031 W/mK, R =	5											
3.23 m2K/W (18												
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable												
for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)),	3											- 1
(0-1.56 lbs/ft3)), A5 Lambda=0.031 W/(m.K)	8329.048 n	n2 16	65.81 1885.62	1885.62		ı	nternal wa Landfilling 2.7.1.Wall Quantity	As building	Wooden s Gla	ss woo One Click	P3	3
								,				
Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72												- 1
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for	25											- 1
12.5 mm/0.49 in), 858												1
A5 kg/m3 (53.6 lbs/ft3)	9422 n	n2 131	37.05 4236.27	4236.27	131	137.05 I	nternal wa Gypsum n 2.7.1.Wall	As building	Wooden s Rec	ular gy One Click	P2	232
Gypsum plaster board,												
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72	25											,
kg/m2 (2.20 lbs/ft2) (for												
12.5 mm/0.49 in), 858 A5 kg/m3 (53.6 lbs/ft3)	9422 n	m2 42	37.05 4236.27	4236.27	124	127.05	nternal wa Gypsum ri 2.7.1.Wall	Ae buildie	Wooden e Per	ular g _\ One Click	D.	232
A5	9422 П	359	92.38 12117.98	4.250.27 12117.98	262	274.11	2.7.1.Wall	, to pulluini	oudell S Rec	para yn One Click	P2	U.E.
Planed timber, conifer B3 (Treindustrien)	1092.95 n	n2					nternal wa Wood inci 2.7.1.Wall Quantity	Δs huildi-	Wooden el Din	n woor Structural	PS	
Glass wool insulation			-				TOOL HOLE Z. / . I. VY all Qualitity	. io canuilly	oudon a r'ld	oc. Gudeturai	T.	
panels, unfaced, generic L = 0.031 W/mK, R =	,											
3.23 m2K/W (18												,
ft2°Fh/BTU), 25 kg/m3 (1.56 lbs/ft3), (applicable	,											
for densities: 0-25 kg/m3												
(0-1.56 lbs/ft3)),		n2					nternal w: Landfilling 2.7.1 Wall Quantity	As huildin	Wooden si Gla	ss woo One Click	P3	3
B3 Lambda=0.031 W/(m.K)	0329.048 П	114	0			- 1	nternal wa Landfilling 2.7.1.Wall Quantity	na pulidini	vvoucen si Gla	ss wou One Click	Pa	
Gypsum plaster board, regular, generic, 6.5-25												
mm (0.25-0.98 in), 10.72	25											,
kg/m2 (2.20 lbs/ft2) (for												,
12.5 mm/0.49 in), 858 B3 kg/m3 (53.6 lbs/ft3)	9422 n	n2	0			ı	nternal wa Gypsum n 2.7.1.Wall	As building	Wooden s Red	ular gy One Click	P2	232
						-			,			

Gypsum plaster board,				
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72	25			
kg/m2 (2.20 lbs/ft2) (for	25			
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3)	0400			
B3	9422 m2			Internal w Gypsum n 2.7.1.Wall As buildin Wooden s Regular g One Click P232
Planed timber, conifer				
C2 (Treindustrien) Glass wool insulation	1092.95 m2 172	16	172.26	Internal wa Wood inci 2.7.1.Wall Quantity a As buildin Wooden s Plain wood Structural Trailer con P5
panels, unfaced, generic,	,			
L = 0.031 W/mK, R = 3.23 m2K/W (18				
ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable for densities: 0-25 kg/m3	:			
(0-1.56 lbs/ft3)),				
C2 Lambda=0.031 W/(m.K)	8329.048 m2 60	3	60.93	Internal w. Landfilling 2.7.1.Wall Quantity a As buildin Wooden s Glass woo One Click Dumper tr P3
Gypsum plaster board,				
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72				
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for	25			
12.5 mm/0.49 in), 858				
C2 kg/m3 (53.6 lbs/ft3)	9422 m2 2306	8	2306.48	Internal we Gypsum ri 2.7.1.Wall As buildin Wooden's Regular gy One Click Dumper tri P232
Gypsum plaster board,				
regular, generic, 6.5-25				
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for	25			
12.5 mm/0.49 in), 858				
C2 kg/m3 (53.6 lbs/ft3)	9422 m2 2306 4846		2306.48 4846.15	Internal w. Gypsum n 2.7.1.Wall As buildin Wooden s Regular g One Click Dumper tr P232
Planed timber, conifer				
C3 (Treindustrien)	1092.95 m2 7127	4	71270.4	Internal we Wood inci 2.7.1.Wall Quantity a As buildin Wooden's Plain wood Structural P5
Glass wool insulation panels, unfaced, generic,	.			
panels, unfaced, generic, L = 0.031 W/mK, R =				
3.23 m2K/W (18 ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable	,			
for densities: 0-25 kg/m3 (0-1 56 lbs/ft3))	·			
(0-1.56 lbs/ft3)), C3 Lambda=0.031 W/(m.K)	8329.048 m2	0		Internal we Landfilling 2.7.1. Wall Quantity a As building Wooden s Glass woo One Click
Gypsum plaster board, regular, generic, 6.5-25				
mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for	25			
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858				
C3 kg/m3 (53.6 lbs/ft3)	9422 m2 74	3	74.43	Internal w _i Gypsum n 2.7.1.Wall As buildin Wooden s Regular g One Click P232
Gypsum plaster board, regular, generic, 6.5-25				
mm (0.25-0.98 in), 10.72	25			
kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858				
C3 kg/m3 (53.6 lbs/ft3)	9422 m2 74	3	74.43	Internal w Gypsum n 2.7.1.Wall As buildin Wooden s Regular q One Click P232
C3 Glass wool insulation	71419	5	71419.25	2.7.1.Wall
panels, unfaced, generic,	,			
L = 0.031 W/mK, R =				
3.23 m2K/W (18 ft2°Fh/BTU), 25 kg/m3				
(1.56 lbs/ft3), (applicable	,			
for densities: 0-25 kg/m3	•			
(0-1.56 lbs/ft3)), C4 Lambda=0.031 W/(m.K)	8329.048 m2 54	4	54.14	Internal wa Landfilling 2.7.1.Wall Quantity a As building Wooden s Glass woo One Click Inert mate P3
Planed timber, conifer			-32954.9	
D (Treindustrien)	1092.95 m2 -3295	9	-32994.9	Internal we Wood inci 2.7.1.Wall Quantity a As building Wooden st Plain wood Structural P5
Gypsum plaster board,				
regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72				
kg/m2 (2.20 lbs/ft2) (for	25			
rg/1112 (2.20 100/12) (101	25			
12.5 mm/0.49 in), 858			200.07	
12.5 mm/0.49 in), 858 D kg/m3 (53.6 lbs/ft3)	9422 m2 -260	7	-260.07	Internal w; Gypsum n 2.7.1.Wall As buildin Wooden's Regular α, One Click P232
12.5 mm/0.49 in), 858 b kg/m3 (53.6 lbs/ft3) Gypsum plaster board,		7	-260.07	Internal w. Gypsum n 2.7.1.Wall As buildin Wooden s Regular a\ One Click P232
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) Gypsum plaster board, regular, generic, 6.5-25	9422 m2260	7	-260.07	Internal w _c Gypsum n 2.7.1.Wall As buildini Wooden s Regular α ₁ One Click P232
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for	9422 m2260	7	-260.07	Internal w Gypsum n 2.7.1.Wall As buildin Wooden s Regular o One Click P232
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858	9422 m2 -260			
12.5 mm(0.48 in), 858 kg/m3 (53.6 lbs/ft3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.49 in), 858 lg/m3 (53.6 lbs/ft3) D	9422 m2260		_260.07	Internal w. Gypsum n 2.7.1.Wall As buildin Wooden s Regular q One Click P232 Internal w. Gypsum n 2.7.1.Wall As buildin Wooden s Regular g One Click P232 2.7.1.Wall P232 P232
12.5 mm(0.49 in), 858 D kg/m3 (53.6 lbs/ff3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/ff2) (for 12.5 mm(0.49 in), 858 D kg/m3 (53.6 lbs/ff3) D Planed timber, conifer	9422 m2 -260 9422 m2 -260	7	-260.07	Internal w: Gypsum n 2.7.1.Wali As buildin Wooden's Regular g) One Click P232
12.5 mmi0.49 in), 858 kg/m3 (53.6 lbs/m3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/m2) (bs/m2)	9422 m2 -266 9422 m2 -266 1092 95 m2 11591	7		Internal w; Gypsum n 2.7.1.Wall As buildin; Wooden s; Regular g), One Click P232
12.5 mmi0.49 in), 858 kg/m3 (53.6 lbs/m3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 lbs/m2) (bs/m2)	9422 m2 -266 9422 m2 -266 1092 95 m2 11591	7	-260.07	Internal w: Gypsum n 2.7.1.Wali As buildin Wooden's Regular g) One Click P232 2.7.1.Wali
12.5 mmi0.49 in), 858 kg/m3 (5.6 ibs/m3). Gypsum plaster board, regular, generic, 6.8-25 mm (0.25-0.98 in), 10.72 kg/m2 (2.20 ibs/m2) (br 12.5 mm/0.49 in), 859 D D kg/m3 (5.6 ibs/m3). Planet timbe, confere TOTAL. Glas wood insulation panets, unfaced, generic, L = 0.031 W/m/s, R =	9422 m2 -266 9422 m2 -266 1092 95 m2 11591	7	-260.07	Internal w: Gypsum n 2.7.1.Wall As buildin; Wooden's Regular g) One Click P232 2.7.1.Wall
12.5 mm(0.49 in), 858 by 8m (3.65 fi lbs/ft3) by 8m (3	9422 m2 -266 9422 m2 -266 1092 95 m2 11591	7	-260.07	Internal w: Gypsum n 2.7.1.Wali As buildin Wooden's Regular g) One Click P232 2.7.1.Wali
12.5 mmi0.49 in), 858 bylam (5.6.8 lbs/lbs) Gypsum plaster board, regular, generic, 6.5.25 mmin (2.70 lbs/lbs/lbs/lbs/lbs/lbs/lbs/lbs/lbs/lbs/	9422 m2 -286 9422 m2 -286 1092.95 m2 11591	7	-260.07	Internal w: Gypsum n 2.7.1.Wall As buildin; Wooden's Regular g; One Click P232 2.7.1.Wall
12.5 mmi0.4 si in), 858 kg/m3 (5.6 lbs/m3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.26-20-86 ni), 10.7 kg/m2 (2.20 lbs/m2) (2.20 l	9422 m2 -280 9422 m2 -260 1092.95 m2 11591	8	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wall As buildin, Wooden's Regular g) One Click P232 2.7.1.Wall Internal w. Wood inci 2.7.1.Wall Quantity a As buildin Wooden's Plain woox Structural P5
12.5 mmi0.49 in), 858 by kgm3 (5.6 i lbs/ft3) Gypsum plaster board, regular, generic, 6.8-25 mm (0.25-0.98 in), 10.75 kg/m2 (2.20 ibs/ft2), 60r 12.5 mm/f0.49 in), 859 D kg/m3 (5.6 ibs/ft3) by plaster timber, confer TOTAL Gless are confirmed timber, confer Con	9422 m2 -280 9422 m2 -260 1092.95 m2 11591	8	-260.07	Internal w: Gypsum n 2.7.1.Wali As buildin Wooden's Regular g) One Click P232 2.7.1.Wali
12.5 mm(0.49 in), 858 kg/m3 (5.6 it lex/li3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.26-30-8 in), 10.7 kg/m2 (2.20 its/li2), 67-25 kg/m2 (2.20 its/li2) for 12.5 mm(0.49 in), 850 kg/m3 (5.3 its lex/li2) its lex/li2 mm (0.49 in), 850 kg/m3 (5.3 its lex/li2) its lex/li2 mm (1.5 kg/m3 (5.3 its lex/li2)) its lex/li2 mm (1.5 kg/m3 (1.5 its lex/li2)), 10.7 kg/m3 (1.5 its lex/li2), 10.7	9422 m2 -280 9422 m2 -260 1092.95 m2 11591	8	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wall 2.7.1.Wall 2.7.1.Wall As buildin Wooden s Regular g) One Click 2.7.1.Wall Internal w. Wood inci 2.7.1.Wall Quantity a As buildin Wooden s Plain woo. Structural P5
12.5 mmi0.49 in), 689 kg/m3 (5.6 ibs/m3) Gypsum plaster board, regular, generic, 6.5-25 mm (0.26-20-98 in), 10.75 kg/m2 (2.20 ibs/m2), 10.75 kg/m2 (2.20 ibs/m2) (6.5-10 kg/m2) (5.4 ibs/m2) D Planet timber, confier TOTAL Glass wool insulation panets, unfaced, generic, L = 0.031 W/mK, R = 3.23 m/2/W/ (18 ibs/m2) (1.56 ibs/m2), (applicable for derestience -0.25 kg/m3) (1.56 ibs/m3), (applicable for derestience -0.25 kg/m3) TOTAL Lambea=0.031 W/mK, R = Cypsum plaster board, regular, generic, 6.5-26	9422 m2 -260 25 9422 m2 -260 1092.95 m2 11591	8	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wali As buildin Wooden s Regular g) One Click P232 2.7.1.Wali Internal w. Wood inci 2.7.1.Wali Quantity a As buildin Wooden s Plain woo. Structural P5
12.5 mmi0.48 in), 858 kg/m3 (5.6 ibs/m3) Gypsum plaster board, regular, genesic, 6.5-25 stephanology, 6.5-25 step	9422 m2 -260 25 9422 m2 -260 1092.95 m2 11591	8	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wali As buildin Wooden s Regular g) One Click P232 2.7.1.Wali Internal w. Wood inci 2.7.1.Wali Quantity a As buildin Wooden s Plain woo. Structural P5
12.5 mm(0.49 in), 858 by kg/m3 (5.6 ibs/m3) cypsum plaster board, regular, genetic, 6.5-25 mm (0.25-0.98 in), 10.75 by kg/m2 (2.20 ibs/m2) (52-0.98 in), 10.75 by kg/m2 (2.20 ibs/m2) (52-0.98 in), 10.75 by kg/m3 (5.6 ibs/m3) cypsum (5.6 ibs/m3) (1.5 ibs/m3)	9422 m2 -260 25 9422 m2 -260 1092.95 m2 11591	8	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wali As buildin Wooden s Regular g) One Click P232 2.7.1.Wali Internal w. Wood inci 2.7.1.Wali Quantity a As buildin Wooden s Plain woo. Structural P5
12.5 mm(0.49 in), 858 kg/m3 (5.6.1 lbs/m3) Gypsum plaster board, regular, generic, 6.5-25 mights, 6.5-25 might	9422 m2 -260 25 9422 m2 -260 1092.95 m2 11591	2	-260.07 11591.18	Internal w. Gypsum n. 2.7.1.Wall 2.7.1.Wall 2.7.1.Wall As buildin Wooden s Regular g) One Click 2.7.1.Wall Internal w. Wood inci 2.7.1.Wall Quantity a As buildin Wooden s Plain woo. Structural P5

	Gypsum plaster board,														
	regular, generic, 6.5-25 mm (0.25-0.98 in), 10.725 kg/m2 (2.20 lbs/ft2) (for														
	12.5 mm/0.49 in), 858														
TAL TAL	kg/m3 (53.6 lbs/ft3) 9422 m2	38126.47		38	126.47				Internal wa Gyr	2.7.1.Wall	As building Wooden	Regular g	One Click	-	
С	Planed timber, conifer (Treindustrien) 1092.95 m2	-70692			70692				Internal w: Wo	nd inci 2 7 1 Wall Out	intity a As building Wooden	el Plain woo	Structural		
	Glass wool insulation panels, unfaced, generic,	10002			70002				michiga we vice	2.7.1.77411 444	anaty a 710 banding Producti	I I I I I I I I I I I I I I I I I I I	Otraotara		
	L = 0.031 W/mK, R = 3.23 m2K/W (18 ft2*Fh/BTU), 25 kg/m3														
	(1.56 lbs/ft3), (applicable for densities: 0-25 kg/m3 (0-1.56 lbs/ft3)).														
C	Lambda=0.031 W/(m.K) 8329.048 m2	0			0				Internal wa Lan	dfilling 2.7.1.Wall Qua	intity a As building Wooden	Glass woo	One Click		
	Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0,98 in), 10,725 kg/m2 (2.20 lbs/ft2) (for														
оС	12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) 9422 m2	0			0				Internal wa Gyr	sum n 2.7.1.Wall	As building Wooden	Regular g	One Click		
	Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.725 kg/m2 (2.20 lbs/ft2) (for 12.5 mm/0.48 in), 858														
oC oC	kg/m3 (53.6 lbs/ft3) 9422 m2	0			0				Internal wa Gyr	sum ri 2.7.1.Wall	As building Wooden	Regular g	One Click		
oc.	311993.7	-70692 113299.9		11	70692 3299.9		70692.01	236467		2.7.1.Wall 2.7.1.Wall					_
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770														
	kg/m3, Leca	150546.8		15	0546.8		0	826518	Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
A3	1000 kg/m3 (quick-mix) 107340 kg 107340	61294.51 211841.4			294.51		0	107340	Columns a Cer	nent/m 2.7.Interna Ass 2.7.Interna	umed : As building	Mortar (ma	EPD Mine		_
-A3	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770	211841.4		21	1841.4			933858		2.7.Intern					
	kg/m3, Leca Universalblokk (Weber) 7156 m2	9494.86		9	194.86				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	205.52 9700.37			205.52 700.37				Columns a Cer	nent/m 2.7.Interna Ass 2.7.Interna	umed As building	Mortar (ma	EPD Mine		
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770	9700.37		3	700.37					2.7.III(BITI)					
5	kg/m3, Leca Universalblokk (Weber) 7156 m2 61988.85 Masonry mortar, light,	12205.96		12	205.96			61988.85	Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
	1000 kg/m3 (quick-mix) 107340 kg 13954.2 75943.05	8040.66 20246.62		8 20	040.66 246.62			13954.2 75943.05	Columns a Cer	nent/m 2.7.Interna Ass 2.7.Interna	umed : As building	Mortar (ma	EPD Mine		
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770 kg/m3, Leca														
	Universalblokk (Weber) 7156 m2 Masonry mortar, light,	0			0				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
	1000 kg/m3 (quick-mix) 107340 kg	0			0				Columns a Cer	nent/m 2.7.Interna Ass	umed As building	Mortar (ma	EPD Mine		
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770									Z.7.mterm					
	kg/m3, Leca Universalblokk (Weber) 7156 m2	2418.53		2	418.53				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ D	umper tri	
	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	314.1 2732.63			314.1 732.63				Columns a Cer	nent/m 2.7.Interna Ass 2.7.Interna	umed : As building	Mortar (ma	EPD Mine D	umper tn	
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770	2/32.03			732.63					2.7.1119711					
	kg/m3, Leca Universalblokk (Weber) 7156 m2	285.88			285.88				Columns a Cor	crete (2.7.Interna 498	x150x1 As buildin	Aerated/A	Leca Univ		
	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	37.13			37.13					nent/m 2.7.Interna Ass			EPD Mine		
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770	323.01			323.01					2.7.Interna					_
	kg/m3, Leca Universalblokk (Weber) 7156 m2	-20279.5		-2	0279.5				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	-1903.22			903.22					nent/m 2.7.Interna Ass			EPD Mine		
	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770									2.7.Interna					
	kg/m3, Leca Universalblokk (Weber) 7156 m2	174952.1		17-	4952.1				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
TAL	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	69891.91		69	891.91				Columns a Cer	nent/m 2.7.Interna Ass 2.7.Interna	umed : As building	Mortar (ma	EPD Mine		
· · AL	Perforated light weight aggregate concrete block, 200 x 250 x 500 mm, 770									Z. / .III(UIII)					
оС	kg/m3, Leca Universalblokk (Weber) 7156 m2 Masonry mortar, light,	0			0				Columns a Cor	crete (2.7.Interna 498	x150x1 As building	Aerated/A	Leca Univ		
	Masonry mortar, light, 1000 kg/m3 (quick-mix) 107340 kg	1 1	1 1								umed : As building	1		1	

DIOC			4000004	244844	244844		2.7.Intern 109901 2.7.Intern
			1009801	244844	244844		100901
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2	12004.2	11928.02		11928.02	02 22007.7 Internal wi, Wood-con, 2.8 Interna: 40 Wood inte Wood and MDEGD.! P8
			12004.2	11928.02		11928.02	02 22007.7 2.8.Intern
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		689.51		689.51	51 Internal wi, Wood-con 2.8.Interns 40 Wood inte Wood and MDEGD F P8
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2	0	0		0	0 Internal w _i Wood-con 2.8 Interns 40 Wood inte Wood and MDEGD.f P8
A5	DEITHOT	520.4 III2	Ů				2.8.mtern
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		0		0	0 Internal we Wood-con 2.8 Interns 40 Wood intel Wood and MDEGD F P8
B3	DEI AOT)	823.4 III2					0 Internal w/ Wood-con 2.8.Interns 40 Wood intel Wood and MDEGD_F P8 2.8.Interns 40 Wood intel Wood and MDEGD_F
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		12793.21		12793.21	21 Internal w; Wood-con 2.8.Interna 40 Wood intel Wood and MDEGD I P8
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2	0	0		0	0 Internal w; Wood-con 2.8 Interna 40 Wood inte Wood and MDEGD F P8
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR						
	DEFAUT) Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR	923.4 m2		45.97		45.97	
C3	DEFAUT)	923.4 m2		22131.17 22131.17		22131.17 22131.17	Internal w; Wood-con/28. Internal 40 Wood inte Wood and MDEGD i P8
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		6.24		6.24	
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		0		0	0 Internal wi Wood-con 2.8. Internat 40 Wood intel Wood and MDEGD. f P8
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT)	923.4 m2		25586.42		25586.42	
	Doors with wooden frame, interior, Portes intérieures de communication avec huisserie bois (DONNEE ENVIRONNEMENTALE GENERIQUE PAR						2.8.Intern.
bioC bioC	DEFAUT)	923.4 m2	12004.2	-22007.7 -22007.7 25586.42		-22007.7 -22007.7 25586.42	2.8.Intern

The content of the			_											
March Marc	Waterproof, protective,													
The state of the	flexible coating, 1.5 kg/l,													
	A3 Lastogum (PCI Augsburg)	8.1 m2	12.15	10.08			10.08		0 Floor slabs I	andfilling 3.Inter	nal f	20 Ceramic ti Sealan	ts (: Oekobau.c	P7
1	Tile adhesive, 5 kg/m2,													
According Acco	Webercol pro (SAINT													
Company Comp	A3 FRANCE)	8 1 m2	40.5	21 45			21 45		0 40.5 Floor slabs 0	ement/m 3 Inter	nal f	30 Ceramic ti Tile ad	hes FDFS	P7
Second Content	Ceramic wall tiles, glazed	0.1 1112	40.0	21.70			21.40		40.0 1 100 5105.	Jernem Jernen		oo ooranio u riic aa	illo i beo	
1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.10	or unglazed, 7.5 mm, 18													
Second State Seco	kg/m2 (Seranit (2020),													
State Stat	A3 Inönü plant)	8.1 m2	155.52	90.22			90.22		0 155.52 Floor slabs	Brick/ston 3.Inter	nal f	30 Ceramic ti Wall ar	nd f EPD Cera	P2
Market M	Water-borne wall paints													
Part														
An experiment An experimen														
Second	A2 (AkzoNobel Herbel)	2712 22 14	2712 22 6	121 55		60	221.55		n Eloor elabe I	andfilling 3 Inter	al (For both e	15 Plasterhaa Painte	cor EDD Harb	P7
Second State	AS (AKZUNODEI HEIDUI)	2712.25 Ng	2712.23	331.33		- 00	331.33	,	U I IOUI SIADE I	andming 5.me	idi i i di botii si	13 Flasterboa Fairto,	COLLEGE	- ''
Second State	Gynsum plaster hoard													
Company Comp	regular generic 6.5-25													
Company Comp	mm (0.25-0.98 in), 10.725													
Column C	kg/m2 (2.20 lbs/ft2) (for													
March Control Contro	12.5 mm/0.49 in), 858													
Manual property and the control of	A3 kg/m3 (53.6 lbs/ft3)	10123.3 m2	112919 3	2557.4		32	2557.4		0 112919 Floor slabs 0	Sypsum n 3.Inter	nalf A	s buildin Plasterboa Regula	r g ₁ One Click	P232
March 19 1 1 1 1 1 1 1 1 1	A3		115839.4	3710.7		38	3710.7		113115	3.Inter	nal			
March 19 1 1 1 1 1 1 1 1 1														
Married Contents 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160														
Signature Sign	Lastonim (PCI Augeburg)	8.1 m2		1.69			1 69		Floor clobe I	andfilling 3 Inter	nalif	20 Ceramic ti Sealan	ts (: Oekobau c	P7
Second Profession Seco	Tile adhesive 5 kg/m2	U. 1 IIIZ		1.00					rioui siabi i	andming 3.miler	nor I	ZU Gerdinic ii Gealan	LO (CONODIGUI.	F/
March Control of the Control of	webercol pro (SAINT													
Manual Control 1	GOBAIN WEBER													
A	FRANCE)	8.1 m2		0.47			0.47		Floor slabs	Cement/m 3.Inter	nal f	30 Ceramic ti Tile ad	hes FDES	P7
Second Control of Market Second Control of M	Ceramic wall tiles, glazed													
March Marc	or unglazed, 7.5 mm, 18													
Part	kg/m2 (Seranit (2020),													
Second		8.1 m2		8.93			8.93		Floor slabs	Brick/ston 3.Inter	nal f	30 Ceramic ti Wall ar	nd f EPD Cera	P2
March Control Cont	vvater-borne wall paints													
County	ka/m2 1 550 ka/l Zacit													
Marche 1972 1973 1973 1973 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974 1974	Grund Classic Grund													
Comparison and Comp		2712.23 kg		877.37		3	377.37		Floor slabs I	andfilling 3.Inter	nal f For both ≈	15 Plasterboa Paints	coi EPD Herb	P7
Registration Processed P	(VILLOVODO FIGIDOS)	Li iL.Lo ing					377.07		Troor Stability	andilling C.ma	Lar () Or DOLL! O	TO T IGNOTOGET GITES,	OU ET D'HOID	
Registration Processed P	Gypsum plaster board,													
Process Proc	regular, generic, 6.5-25													
March Marc	mm (0.25-0.98 in), 10.725													
A TO SERVICE S	kg/m2 (2.20 lbs/ft2) (for													
Marginer (Arrigance)	12.5 mm/0.49 in), 858												1	
Processor Proc	kg/m3 (53.6 lbs/ft3)	10123.3 m2							Floor slabs			s buildinį Plasterboa Regula	r gy One Click	P232
As Comment of Secretary (1) 1.10 Provider Landiting 3 Downset (1 Secretary (2) Secretary (3) Secre			1	885.64		16	585.64			3.Inter	nal			
1.10 Provide Londing 1.14 Provide Londing 3. Internal South of Security Continued Sout	Matanage													
State Company Compan	vvaterproof, protective,													
Testing Test	nexible coating, 1.5 kg/l,	9.1 2	4.24	1 19			1 19		Floor 1.1	andfilling 2 let	nol f	20 Caramin ti Cr. I	te (Oekoberr	P7
Section of Control o	Tile adhesive 5 kg/m2	0.1 1112	1.21	1.10			1.10		FIGOR SIADS I	anulling sinter	iai i	20 Ceramic ii Sealan	to (Odkobau.t	F/
45 COLAR VICERS 48 PC 5.27 2.87 Committee within a global or program of the part of the	webercal pro (SAINT													
Mathematical Committee Mathematical Commit	GOBAIN WEBER													
Committee Comm	FRANCE)	8.1 m2	5.27	2.87			2.87		5.27 Floor slabs (Cement/m 3.Inter	nal f	30 Ceramic ti Tile ad	hes FDES	P7
Section Control (Control (Ceramic wall tiles, glazed													
6 Incol [Area]	or unglazed, 7.5 mm, 18													
Wider-Some and public Wide	kg/m2 (Seranit (2020),													
Section (1984) Sect	Inönü plant)	8.1 m2	15.55	9.97			9.97		15.55 Floor slabs	Brick/ston 3.Inter	nal f	30 Ceramic ti Wall ar	nd f EPD Cera	P2
Spring 1, 12, 12, 12, 12, 12, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	Water-borne wall paints													
A control of the co														
Acceptable Herical 2712.23 ag 271.22 342.39 Placetrous Parells, col EPO Herb														
Comment of the control of the cont	(AlmaNahal Hashal)	0740.00 1	074.00	140.00			340.00		Francisco I			45 81	- FDD III-i	P7
Register generics 6.5.25 Register generics 6	(AKZONODEI HEIDOI)	2712.23 Kg	2/1.22	942.39		ь	042.39		Floor stabs t	andfilling 3.Inter	nai i For Doth si	15 Plasterboa Paints,	coi EPD Herb	P/
Register generics 6.5.25 Register generics 6	Gypsum plaster board													
Marine Color Description Processing Pr	regular, generic. 6.5-25													
Marine Color Description Processing Pr	mm (0.25-0.98 in), 10.725													
AS 125 mm (1.05 de) (1.05	kg/m2 (2.20 lbs/ft2) (for													
A5 Sym3 (33 Behffs) 10123 mg 14114.87 455 159 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$200 14406.13 \$2	12.5 mm/0.49 in), 858													
AS	kg/m3 (53.6 lbs/ft3)	10123.3 m2	14114.87 4	551.59					14114.87 Floor slabs	Sypsum n 3.Inter	nal (A	s buildin _i Plasterboa Regula	r gy One Click	P232
Solution			14408.13	5208			5208		14135.69	3.Inter	nal			
Social Comment Soci	Matanage													
Eastequam (PCI substruction Squired Squi	vv aterproof, protective,													
Title adhesive, 5 kg/m², webercor pri (SAINT SOBAN WEBER SOBAN WEB	Lastonim (DCI Aurobins)	9.1 m2							Eleas alab.	andfilling 2 later	nal f	20 Caramia ti Santan	te (Oekobau c	P7
webercot pro (SANT GOBANT GOBA	Tile adhesive 5 kg/m2	0.1 1112					U .		FIGOR SIADS I	anulling s.inter	iai i	20 Ceramic ii Sealan	to to Odkobau.t	F/
GOBAIN WEBER B FRANCE Ceramic wall tiles, glazed of uniquated, 7.5 mm, 18 kg/mz (Senant (2020), B3 Innin plant) B3 Innin plant) B4 Innin plant) B5 Innin plant) B6 Innin plant) B7 Innin plant) B7 Innin plant) B8 Innin plant) B8 Innin plant) B9 Innin plant board, B9 Innin plant	webercol pro (SAINT													
FRANCE 8.1 m2 0	GOBAIN WEBER													
Ceramic wall tiles, glazed or unglazed 7.5 mm, 18 kg/m² (Seramit (2020).	FRANCE)	8.1 m2		0			0		Floor slahs (Sement/m 3.Inter	nal f	30 Ceramic til Tile ad	hes FDES	P7
or unglazed, 7.5 mm, 18 kg/m² (Serrait (2020). 8.1 mp 2	Ceramic wall tiles, glazed													
Signate Sign	or unglazed, 7.5 mm, 18													
Note Process	kg/m2 (Seranit (2020),													
From tenter use, 0.346	Inönü plant)	8.1 m2		0			0		Floor slabs	Brick/ston 3.Inter	nal f	30 Ceramic ti Wall ar	nd f EPD Cera	P2
Kg/m2, 1559 kg/l, Zenit Grund, Classic Grund Grund, Classic Grund	v/ater-borne wall paints													
Gypsum plaster board, regular, generic, 65-25 mm (02-50,98 in), 107.25 kg/m (2,20 lbs/lbs/lbs) a 10123.3 m2 0 Floor slabit (Sypsum n 3.Internal) As buildini Plasterboa Regular on One Click Waterproof, protective,	tor interior use, 0.346													
All Association Associatio	kg/m∠, 1.559 kg/l, ∠enit													
Gypsum plaster board, regular, generic, 6, 5-25 rem (0, 25-50 gen in, 10, 725 kg/m² (2, 20 lbs/ll²) (for 12.5 mm/0, 3 linternal As buildini Plasterboa Regular on One Click State of the control	(AkzoNobel Herbel)	2712 22 kg							Eleas alabal	andfilling 2 later	al (For both a	15 Planterhoo Painte	cor EDD Harb	P7
regular, generic, 65-25 rem (02-50-98 in), 10-725 re	(Orzoropal Halbur)	-/ 12.20 Ng					-		rioui slabi l	andming 3.miler	and the pourts	io i insterious Palifits,	OW EL D'HEID	F/
regular, generic, 65-25 regular, generic, gene	Gynsum plaster hoard													
mm (0.25-0.98 in), 10.725 kg/m/2 (2.20 lbs:ft/2) (for 12.5 mm)(0.49 in), 858 kg/m/2 (2.20 lbs:ft/2) (for 12.5 mm)(0.49 in), 858 kg/m/3 (3.8 ibs:ft/3) 10123.3 m/2 0 Floor slabt Gypsum n 3.Internal (As buildini Plasterbos Regular q) One Click 3.3 lbs:ft/3 (
kg/m2 (2.20 lbs/m2) (for 12.5 mm(3.4 m), 85	mm (0.25-0.98 in), 10.725													
33 kg/m3 (53.6 lbs/ft3) 10123.3 m2 0 Floor slabit Gypsum in 3. Internal As buildini Plasterboa Regular oy One Click 3. Internal Waterproof, protective,	kg/m2 (2.20 lbs/ft2) (for													
33 Waterproof, protective,														
33 Substance of the control of the c	kg/m3 (53.6 lbs/ft3)	10123.3 m2		0			0		Floor slabs	Sypsum n 3.Inter	nal (A	s buildin Plasterboa Regula	r gv One Click	P232
Waterproof, protective, flevible coating 1.5 kp/l										3.Inter	nal			
Waterproof, protective, flexible contains 1 S total														
	Waterproof, protective,													
4 Lastourin (PCI Augsburg) 8,1 m2 23,68 Floor slabet Landfilling 3, Internal f 20 Ceramic til Sealants (*Oekobau.c	Lastonim (DCI Association)	0.4		22.60			22.60			an dilling 2 to		20 Committee	to (Online	27
Hoor slabs (Landhillind 3, Internal) 20 (Ceramic It Sealants if Oekobau).	Lastoquili (PCI Augsburg)	8.1 IMZ		23.00			23.00		Floor slabs I	anufilling 3.inter	Idl I	zu i Ceramic tii Sealan	is it Oekobau.c	127

Tile adhesive, 5 kg/m2, webercol pro (SAINT				
GOBAIN WEBER				
B4 FRANCE)	8.1	m2 22.0	22.05	0.5 Floor slabs Cement/m 3.Internal t 30 Ceramic til Tile adhes FDES P7
Ceramic wall tiles, glaze or unglazed, 7.5 mm, 18	ed IR			
kg/m2 (Seranit (2020),				
B4 Inönü plant)	8.1 r	m2 99.6	99.66 155.	52 Floor slabs Brick/ston 3.Internal (30 Ceramic ti Wall and f EPD Cera P2
Water-borne wall paints	s			
for interior use, 0.346 kg/m2, 1.559 kg/l, Zenit				
Grund, Classic Grund				
B4 (AkzoNobel Herbol)	2712.23	kg 19271.	19271.7	Floor slabs Landfilling 3.Internal (For both s 15 Plasterboa Paints, co; EPD Herb P7
B4		19417.0	19417.09	02 3.Internal
Waterproof, protective,	,			
flexible coating, 1.5 kg/l, B5 Lastogum (PCI Augsbur	ira) 8.1 r	m2 0		Floor slabs Landfilling 3.Internal t 20 Ceramic ti Sealants (: Oekobau.c P7
Tile adhesive, 5 kg/m2,	. "			
webercol pro (SAINT				
GOBAIN WEBER B5 FRANCE)	8.1 r	m2 0		0 Floor slabs Cement/m 3.Internal (30 Ceramic til Tile adhes FDES P7
Ceramic wall tiles, glaze	ed	III2		Titor state Certaintii Sinternari 30 Certainti ti Tie auties TDES
or unglazed, 7.5 mm, 18	18			
kg/m2 (Seranit (2020),				
B5 Inönü plant)	8.1 r	m2 0	0	0 Floor slabs Brick/ston 3.Internal f 30 Ceramic ti Wall and f EPD Cera P2
Water-borne wall paints for interior use, 0.346	>			
kg/m2, 1.559 kg/l, Zenit	it			
Grund, Classic Grund				
B5 (AkzoNobel Herbol)	2712.23	kg 0	0	Floor slabs Landfilling 3.Internal For both s 15 Plasterboa Paints, cor EPD Herb P7
85				3.Internal
Waterproof, protective,				
flexible coating, 1.5 kg/l,	1,			
C2 Lastogum (PCI Augsbur	urg) 8.1 r	m2 0.03	0.036	Floor slabs Landfilling 3.Internal (20 Ceramic til Sealants (Oekobau.c Dumper tr P7
Tile adhesive, 5 kg/m2,	.			
webercol pro (SAINT GOBAIN WEBER				
C2 FRANCE)	8.1 r	m2 0.1	0.12	Floor slabs Cement/m 3.Internal (30 Ceramic ti Tile adhes FDES Dumper tr P7
Ceramic wall tiles, glaze	ed			
or unglazed, 7.5 mm, 18 kg/m2 (Seranit (2020),				
kg/m2 (Seranit (2020), C2 Inönü plant)	8.1 r	m2 0.4	0.46	Floor slabs Brick/stoni 3.Internal (30 Ceramic til Wall and f EPD Cera Dumper tri P2
Water-borne wall paints		1112 0.4	0.46	PIOU SIADE BILE/Stuff 3. Internal 1 30 Ceramic II Wall and 1 EPD Ceta Dumper II F2
for interior use, 0.346				
kg/m2, 1.559 kg/l, Zenit	it			
Grund, Classic Grund	2742.00	ka 7.0	704	Floor clote Landfillian 2 Internal (For both of 15 Plantaches Points on FDD Hash D
C2 (AkzoNobel Herbol)	2712.23	kg 7.9	7.94	Floor slabs Landfilling 3.Internal (For both s 15 Plasterboa Paints, co EPD Herb Dumper tn P7
Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.7 kg/m2 (2.20 lbs/ft2) (for	5			
12.5 mm/0.49 in), 858	r			
	r	m2 2478.1	2478.15	Floor slabs Gypsum in 3 Internal 1 As buildin, Plasterbow Regular on One Click Dumper tr P232
12.5 mm/0.49 in), 858	r	m2 2478.1 2486.	2478.15 2486.7	Floor slabt Gypsum n 3.Internal As buildin Plasterboa Regular q One Click Dumper tr P232 3.Internal
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective,	10123.3			Floor slabt Gypsum n 3. Internal t As buildin Plasterboa Regular g One Click Dumper tr P232
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective, flexible coating, 1.5 kg/l,	10123.3 r	2486.		3.Internal
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (PCI Augsbur)	1, 10123.3 r	2486.		Floor slabt Gypsum n 3. Internal As buildin Plasterboel Regular q, One Click Dumper tr P232 S. Internal 20 Ceramic II Sealants (i Oekobau c P7
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (PCI Augstogum (P	1, 10123.3 r	2486.		3.Internal
12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (PCI Augsbur)	1, 10123.3 r	2486. m2	0	Salaternal
12.5 mm/0.49 in), 858 C2 kg/m3 (53.6 lbs/ft3) C2 Waterproof, protective, flexible coating, 1.5 kg/stu Tile adhesive, 5 kg/m2, vebercod pro (SAI/mX, GOBAIN WEBER C3 FRANCE)	10123.3 r	2486. m2		3.Internal
12.5 mm/0.49 in), 858 C2 Waterprod, protective, flexible coating, 1.5 kg/l. C3 Lastogum (PCI Augsbut, Waterprod, protective, flexible coating, 1.5 kg/l. Lastogum (PCI Augsbut, Waterprod, PCI Augsbut, Waterprod, SAINY GOBAIN WEBER FRANCE) Ceramic wall tiles, glaze	10123.3 r	2486. m2	0	Salaternal
12.5 mm/0.49 (in), 838 (22 kg/m3 (53.6 lbs/ft.3) Waterproof, protective, flexible coating, 1.5 kg/l. Latogum (PCI Augsbur	10123.3 r	2486. m2	0	Salatranal
12.5 mm(0.49 in), 858 C2 kg/m3 (53.6 lbs/m3) Waterproof, protective, flexibite coating, 1.5 kg/l, C3 Lastogum (PCI Augebut Tile anhesive, 5 kg/m2 (CSIANT COCIAN WEBER COCIAN WEB COCIAN WEB COCIAN WEBER COCIAN WEB COCIAN W	10123.3 r 10123.3 r 1, rrg) 8.1 r 8.1 r 8.1 r	m2 0.01	0 0.014	Salaternal
12.5 mm/0.48 in), 858 C2 kg/m3 (53.6 lbs/m3) Weterprof, protective, festible coading, 15.8 pt/l Weterprof, protective, festible coading, 15.8 pt/l Tile adhesive, 5 kg/m2, weberod pro (SAINT GOBAIN WEBER C3 FRANCE) Caramic wall files, glaze or unglazed, 7.5 mm, 16 certain (2020), C3 Weter-borne wall califer before wall califer to the coading of the c	10123.3 r 10123.3 r 1, rrg) 8.1 r 8.1 r 8.1 r	m2 0.01	0	Salaternal
12.5 mm(0.48) (n), 858 C2 Waterprod, protective, flexibite coating, 1.5 kg/l, Lastogum (PCI Augsbut Tile anhesive, 5 kg/m; G3 Lastogum (PCI Augsbut Tile anhesive, 5 kg/m; GGANN GGA	10123.3 r 10123.3 r 1, rrg) 8.1 r 8.1 r 8.1 r 8.1 r	m2 0.01	0 0.014	Salaternal
12.5 mm(0.48 in), 858 C2 Waterprod, protective, flexible coating, 1.5 kg/l. Waterprod, protective, flexible coating, 1.5 kg/l. C3 Tile adhesive, 5 kg/m2, weberod pre (SAINT COBAIN WEBER FRANCE) C4 main wall files, glaze or unglazed, 7.5 mm, 1 kg/m2 (Serami (2020), 10mm) pieto wall paints for intendru use, 0.346 kg/m2, 1.559 kg/l, 2mm, 1.559 kg/l. 2mm, 1.559 kg/l. 2mm	10123.3 r 10123.3 r 1, rrg) 8.1 r 8.1 r 8.1 r 8.1 r	m2 0.01	0 0.014	Salaternal
12.5 mm(0.49 in), 858 C2 Waterprod, protective, flexible coating, 1.5 kg/l, C3 Lastogum (PCI Augsbut Tile arbeisve, 5 kg/m2, weberod pro (SalNT GOBAN WEBER C3 FRANCE) Caramite (Sarnin 16 kg/m2 (Seranit (Salnin 16 kg/m2 (Sessio (S	10123.3 r 1, rrg) 8.1 r 8.1 r 8.1 r 8.1 r	m2 0.01	0 0.014	Salaternal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.49 in), 858 C2 Waterprod, protective, flexibite coating, 1.5 kg/l, Lastogum (PCI Augsbur Tile adhesive, 5 kg/m2, webercol pro (SAINT GOBAN WEBER G3 FRANCE) Ceramic wall tiles, glaze or unglazed, 7,2 mm, 16 Long plant) Water-borne wall paints for inderior use, 0.346 kg/m2, 1.559 kg/l, Zenit Grund (Cassie Grund C3 (AkzeNobel Herbot)	10123.3 r 1, rrg) 8.1 r 8.1 r ed l8 8.1 r s it 2712.23 i	m2 0.01	0 0.014	Salaternal
12.5 mm(0.49 in), 858 C2 kg/m3 (53.6 lbs/lt3) C2 Waterproof, protective, flexible conting, 1.5 kg/l, C3 Lastogum (PCI Augebut Tile adhesive, 5 kg/m2) C3 Eastogum (PCI Augebut Code) C4 Code C5 FRANCE C5 FRANCE C6 FRANCE C7 C	10123.3 r 10123.3 r 1,	m2 0.01	0 0.014	Salaternal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.49 in), 858 C2 kg/m3 (53.6 lbs/lt3) C2 Waterproof, protective, flexible conting, 1.5 kg/l, C3 Lastogum (PCI Augebut Tile adhesive, 5 kg/m2) C3 Eastogum (PCI Augebut Code) C4 Code C5 FRANCE C5 FRANCE C6 FRANCE C7 C	10123.3 r 10123.3 r 1,	m2 0.01	0 0.014	Salaternal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.49 in), 858 C2 kg/m3 (53.6 lbs/m3) C2 Waterproof, protective, flexibite coating, 1.5 kg/l. C3 Lastogum (PCI Augebut Coating, 1.5 kg/l. C3 Lastogum (PCI Augebut Coating, 1.5 kg/l. C4 Coating Lastogum (PCI Augebut Coating, 1.5 kg/l. C5 PRANCE) C6 FRANCE C7 PRANCE C8 PRANCE C9 Lastogum (PCI Augebut Coating, 1.5 kg/l. C8 Lastogum (PCI Coating, 1.5 kg/l. C9 Lastogum (PCI Coating, 1.5 kg/l. Zenit Caating, 1.5 kg/l	10123.3 1,	m2 0.01	0 0.014	Salaternal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.49 ln), 858 C2 kg/m3 (53.6 lbs/m3) Waterproof, protective, flexibite coating, 1.5 kg/l. C3 Lastogum (PCI Augebut Lastogum (PCI Augebut Lastogum (PCI Augebut Cashwise, 5 kg/m2) Webercof pro (54Mr) CASAM VEBER C3 CFarmic wall lites, glaze or unglazed, 7.5 mm, 14 kg/m2 (Seranit (2020), 1000 plant) Water-borne wall paints for interior use, 0.346 kg/m2, 1.559 kg/l, Zenit Grund, Classic Grund C3 (Akzokboel Herbot) Gysun pilaster bosen, 16,525 regular generic, 0.5-25 regular generic, 0.5-25 regular (2.20 lbs/m2) (from 16 kg/m2) (from 1	10123.3 1,	m2 0.01 m2 0.05	0 0.014	Floor slabr Landfilling 3.Internal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.48 in), 858 22 kg/m3 (5.3 6 lbs/m3.) 22 Weterprof, protective, Bestate coating, 1.5 kg/m2. 23 Setting mr (PCI Augsburg) 24 Setting mr (PCI Augsburg) 25 Setting mr (PCI Augsburg) 26 Ceramic wall tiles, glaze or unglazed, 7.5 mm, 16 CEO), 16 CEO,	10123.3 1,	m2 2486. m2 0.01 m2 0.05 m2 79.9	0 0 0.014 0.054 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sinternal 20 Ceramic ti Sealants (: Oekobau.c P7
12.5 mm/0.49 in), 858 kg/m3 (5.6 ilbe/m3) Waterprod, protective, fewbible coating, 1.5 kg/l, Lastogum (PCI Augsbut Tile arbeivus 6.5 kg/m2), webercd pro (SAINT CGANN WEBER CGANN CGANN WEBER CGANN CGANN WEBER CGANN C	10123.3 1,	m2 0.01 m2 0.05	0 0.014 0 0.054	Floor slabs Landfilling 3.Internal 20 Ceramic til Sealants (Oekobau.c P7
C2 kg/m3 (5.5 fibe/m3.) eS8 kg/m3 (5.5 fibe/m3.)	10123.3 1,	m2 2486. m2 0.01 m2 0.05 m2 79.9	0 0 0.014 0.054 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sinternal 20 Ceramic ti Sealants (: Oekobau.c P7
12.5 mm(0.49 in), 858 kg/m3 (5.6 ilbs/m3) Waterprod, protective, flexibite coating, 1.5 kg/l, Lastogum (PCI Augsbut Tile anheavies, 5 kg/m2 GO ALANY GORAN WEBER GORAN	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 2486. m2 0.01 m2 0.05 m2 79.9	0 0 0.014 0.054 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sinternal
12 5 mm(0.48 in), 858 Kg/m3 (5.3 6 lbs/m3.) Kg/m3 (5.3 6 lbs/m3.) Waterprof, protective, Motible coading, 1.5 kg/m2. Waterprof, protective, Motible coading, 1.5 kg/m2. Weberod pro (SAINT GOBAIN WEBER GOBAIN WEBER FRANCE) Ceramic wall files, glaze or unglazed, 7.5 mm, 1.6 cg/m2. Caramic wall files, glaze or unglazed, 7.5 mm, 1.6 cg/m3. Water-borne wall paints for interior use, 0.346 kg/m2. 1.559 kg/l, 2001. Grund, Classic Grund (Accobbob Herbot) Gypsum plasete board, repular, generic, 6.5-25 mm (0.2-50 98 in), 10.7 kg/m2 (2.20 lbs/m2) (br. 12.5 mm(0.49 in), 858 kg/m3 (5.8 ibs/m3). Waterprod, protective, flexible coading, 1.5 kg/l, C4 Lastogum (PCI Augsburn (PCI Augsb	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.05 m2 0.05 m2 79.39	0 0 0.014 0.054 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sinternal
12.5 mm(0.49 in), 858 Kg/m3 (5.5 fi lbs/m3. C2 Waterprod, protective, feebble coating, 1.5 kg/l, Lastogum (PCI Augsbur Weberd (100 fi lbs.) Lastogum (PCI Augsbur Weberd (100 fi lbs.) Lastogum (PCI Augsbur Weberd (100 fi lbs.) COBAIN WEBER C3 GAIN WEBER C4 Ceramic wall filles, glaze or unglazed, 7.5 mm, 1 (2020), Indnú plant) Water-borne wall paints for interior use, 0.346 Kg/m2, 1.555 kg/l, Zenit C4 AlzoNobel Herco) G3 G4posum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 107 kg/m2 (2.20 lbs/m2) (for 1.5 mm (0.47 in), 88 kg/m3 (5.8 fi lbs/m3) G3 Waterprod, protective Weter-borne wall paints C4 Lastogum (PCI Augsbur Water-borne wall paints C4 Lastogum (PCI Augsbur Water-borne wall paints	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.05 m2 0.05 m2 79.39	0 0.014 0 0.054 0 0 0.054	Salaternal Sal
12 5 mm(0.49 in), 858 kg/m3 (5.5 6 lbs/m3). 62 kg/m3 (5.5 6 lbs/m3). 62 kg/m3 (5.5 6 lbs/m3). 62 kg/m3 (5.5 6 lbs/m3). 63 kg/m3 (5.5 6 lbs/m3). 64 kg/m3 (5.5 6 lbs/m3). 63 kg/m3 (5.5 6 lbs/m3). 63 kg/m3 (5.5 6 lbs/m3). 63 kg/m3 (5.5 6 lbs/m3). 64 kg/m3 (5.5 6 lbs/m3). 63 kg/m3 (5.5 6 lbs/m3). 64 kg/m3 (5.5 6 lbs/m3). 64 kg/m3 (5.5 6 lbs/m3). 65	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.05 m2 0.05 m2 79.39	0 0.014 0 0.054 0 0 0.054	Salaternal Sal
12.5 mm(0.49 in), 858 2 kg/m3 (53.6 lbs/m3) Waterproof, protective, feebble coating, 1.5 kg/l, Lastogum (PCI Augsbut Lastogum (PCI Augsbut Lastogum (PCI Augsbut Miller and Mil	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.05 m2 0.05 m2 79.39	0 0.014 0 0.054 0 0 0.054	Santernal Santernal Sealants (Oekobau.c. P7
12.5 mm(0.48 in), 858 22 kg/m3 (5.3 6 lbs/m3.) 22 kg/m3 (5.3 6 lbs/m3.) 23 lbs/m3 (5.3 6 lbs/m3.) 24 lbs/m3 (5.3 6 lbs/m3.) 25 lbs/m3 (5.3 6 lbs/m3.) 26 lbs/m3 (5.3 6 lbs/m3.) 26 lbs/m3 (5.3 6 lbs/m3.) 27 lbs/m3 (5.3 6 lbs/m3.) 28 lbs/m3 (5.3 6 lbs/m3.) 29 lbs/m3 (5.3 6 lbs/m3.) 29 lbs/m3 (5.3 6 lbs/m3.) 29 lbs/m3 (5.3 6 lbs/m3.) 20 lbs/m3 (5.3 6 lbs/m3.) 20 lbs/m3 (5.4 lbs/m3.) 21 lbs/m3 (5.4 lbs/m3.) 22 lbs/m3 (5.3 6 lbs/m3.) 23 lbs/m3 (5.3 6 lbs/m3.) 24 lbs/m3 (5.3 6 lbs/m3.) 25 lbs/m3 (5.3 6 lbs/m3.) 26 lbs/m3 (5.3 6 lbs/m3.)	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.01 m2 0.05 kg 7.0.03 m2 7.0.03 m2 7.0.03	0 0.014 0 0.054 0 0 0.054	Salaternal 20 Ceramic til Sealants (i Oekobau.c P7
12.5 mm(0.49 in), 858 kg/m3 (5.5 il bar/m3) Waterproof, protective, flexibite coating, 1.5 kg/l, Lettogum (Pc7 Augsbur Material (Pc	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 m2 79.9 m2 70.03	0 0 0.014 0.054 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Salternal 20 Ceramic til Seelants (i Oekobau.c P7
12.5 mm(0.48 in), 858 22 kg/m3 (5.3 6 lbs/m3.) 22 kg/m3 (5.3 6 lbs/m3.) 23 kg/m3 (5.3 6 lbs/m3.) 24 keterprof, protective, Mostake coading, 1.5 kg/m2. 25 Leatogum (PCJ Augeber) 26 Caramic wall liber, glaze of unglazed, 7.5 mm, 1.6 kg/m2. 26 FRANCE) 27 kg/m2 (2020), 100 kg/m2 (2010), 100 kg/m2 (2010)	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 kg 7.0.03 m2 7.0.03 m2 7.0.03	0 0.014 0.054 0 0.054 0 0.054	Santernal 20 Ceramic ti Sealants (i Oekobau.c. P7
12.5 mm(0.49 in), 858 C2 kg/m3 (5.3 6 lbs/m3) C2 Waterproof, protective, flexibite coating, 1.5 kg/l. Lastogum (PCI Augsbur webseld) Waterproof, protective coating, 1.5 kg/l. Lastogum (PCI Augsbur webseld) Waterborn (PCI Augsbur webseld) C3 Garanic wall lites, glaze or unglazed, 7.5 mm, 1.6 kg/m2 (Seranit (2020), inoin plant) Water-borne wall paints for interfact use, 0.346 Grand, Classic Grund C3 (AlzoNobel Herbor) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0.98 in), 10.7 kg/m2 (2.20 lbs/m2) (2.50 lbs/m2) Water-proof, protective, flexible coating, 1.5 kg/m2 Water-borne wall paints for interior use, 0.346 kg/m2, 1.559 kg/l, action (1.559 kg/l, a	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 kg 7.0.03 m2 7.0.03 m2 7.0.03	0 0.014 0.054 0 0.054 0 0.054	Santernal 20 Ceramic ti Sealants (i Oekobau c. P7
12.5 mm(0.48 in), 858 22 kg/m3 (5.3 6 lbs/m3) 22 23 24 25 25 25 26 26 27 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	10123.3 1,	m2 0.01 m2 0.05 kg 7.00 m2 7.00	2488.7 0 0.014 0.054 0 79.97 80.04 0.032	Floor slabt Landfilling 3.Internal 20 Ceramic ti Sealants (Oekobau.c P7
12.5 mm(0.49 in), 858 C2 kg/m3 (53.6 lbs/m3) C2 Waterproof, protective, flexible coating, 1.5 kg/m2, 62 kg/m2, 1.559 kg/, 2md, 62 kg/m2, 2md, 62 kg/m2, 1.559 kg/, 2md, 62 kg/m2, 2md, 62 kg/m	10123.3 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	m2 0.01 m2 0.05 kg 7.0 m2 0.03 kg 7.0	0 0.014 0.054 0 0.054 0 0.054	Floor slabr Landfilling 3.Internal 20 Ceramic ti Sealants (: Oekobau.c. P7
12.5 mm(0.49 in), 858 C2 kg/m3 (5.3 6 lbs/m3) C2 Waterproof, protective, flexibite coating, 1.5 kg/m3, 63.6 lbs/m3) C3 Lastogum (PCI Augebut CI Augebut Lastogum (PCI Augebut CI	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 kg 7.00 m2 7.00	2488.7 0 0.014 0.054 0 79.97 80.04 0.032	Floor slabt Landfilling 3.Internal t 20 Ceramic ti Sealants (: Oekobau.c P7 Floor slabt Cement/m 3.Internal t 30 Ceramic ti Tile adhes FDES P7 Floor slabt Brick/ston 3.Internal t 30 Ceramic ti Tile adhes FDES P7 Floor slabt Brick/ston 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb P7 Floor slabt Gypsum n 3.Internal t As buildin Plasterbos Regular g) One Click P232 Floor slabt Landfilling 3.Internal t 20 Ceramic ti Sealants (: Oekobau.c Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7
12.5 mm(0.49 in), 858 C2 kg/m3 (5.3 6 lbs/m3) C2 Waterproof, protective, flexible coating, 1.5 kg/l. C3 Tile adhesive, 5 kg/m2, weberod pre (5.8 lm?) C3 Tile adhesive, 5 kg/m2, weberod pre (5.8 lm?) C4 Caramic wall lites, glaze or unglazed, 7.5 mm, 1.5 kg/m2 C5 Caramic wall lites, glaze or unglazed, 7.5 mm, 1.5 kg/m2 C6 May C5 Caramic wall lites, glaze or unglazed, 7.5 mm, 1.5 kg/m2 C7 Literature, 1.5 kg/m2 C8 May C6 Literature, 1.5 kg/m2 C8 May C7 Literature, 1.5 kg/m2 C9 Literature, 1.5 kg	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 kg 7.00 m2 7.00	2488.7 0 0.014 0.054 0 79.97 80.04 0.032	Floor slabs Landfilling 3.Internal (20 Ceramic til Sealants (Oekobau.c P7 Floor slabs Cement/m 3.Internal (30 Ceramic til Tile adhes FDES P7 Floor slabs Brick/ston 3.Internal (For both s 15 Plasterboal Paints, co. EPD Herb P7 Floor slabs Landfilling 3.Internal (As buildin Plasterboal Regular g), One Click P232 Floor slabs Landfilling 3.Internal (For both s 15 Plasterboal Paints, co. EPD Herb P7 Floor slabs Landfilling 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb P7 Floor slabs Landfilling 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb P7 Floor slabs Landfilling 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb P7 Floor slabs Landfilling 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb Inert mate P7 Floor slabs Landfilling 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb Inert mate P7 Floor slabs Cement/m 3.Internal (P0 Both s 15 Plasterboal Paints, co. EPD Herb Inert mate P7
12.5 mm 0.49 in), 858 kg/m3 (53.6 lbs/m3). Waterprod, protective, flexible coating, 1.5 kg/m. Lastogum (PCI Augsbur Medical Coating). 1.5 kg/m. Lastogum (PCI Augsbur Medical Coating). 1.5 kg/m. Lastogum (PCI Augsbur Medical Coating). 1.5 kg/m. COBAIN WEBER FRANCE) Ceramic wall filter, glaze or unglazed, 7.5 mm, 1.6 kg/m2 (Seranit (2020), Inónú plant). Water-borne wall paints for interior use, 0.346 kg/m2, 1.555 kg/m, Zenit Coating, 1.555 kg/m2, Zenit Coating, 1.554 kg/m2. 1.555 kg/m2, Zenit Coating, 1.554 kg/m3. 1.555 kg/m2, Zenit Coating, 1.5 kg/m3. 1.555 kg/m2, Zenit Coating, 1.5 kg/m3. 1.555 kg/m2, Zenit Coating, 1.5 kg/m2. Lastogum (PCI Augsbur Meter-borne wall paints for interior use, 0.346 kg/m2, 1.555 kg/m2, Zenit Coating, 1.5 kg/m2. Lastogum (PCI Augsbur Meter-borne wall paints for interior use, 0.346 kg/m2, 1.555 kg/m2, Zenit Coating, 1.5 kg/m2. Lastogum (PCI Augsbur Meter-borne wall paints for interior use, 0.346 kg/m2, 1.555 kg/m2, Zenit Coating, 1.5 kg/m2. Lastogum (PCI Augsbur Meter-borne wall paints for interior use, 0.346 kg/m2, 1.555 kg/m2, Zenit Marchaller, Senit March	10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 10123.3 1 1 10123.3 1 1 10123.3 1 1 1 1 1 1 1 1 1	m2 0.01 m2 0.05 kg 7.00 m2 7.00	2488.7 0 0.014 0.054 0 79.97 80.04 0.032	Floor slabt Landfilling 3.Internal t 20 Ceramic ti Sealants (: Oekobau.c P7 Floor slabt Cement/m 3.Internal t 30 Ceramic ti Tile adhes FDES P7 Floor slabt Brick/ston 3.Internal t 30 Ceramic ti Tile adhes FDES P7 Floor slabt Brick/ston 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb P7 Floor slabt Gypsum n 3.Internal t As buildin Plasterbos Regular g) One Click P232 Floor slabt Landfilling 3.Internal t 20 Ceramic ti Sealants (: Oekobau.c Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7 Floor slabt Landfilling 3.Internal t For both s 15 Plasterbos Paints, coi EPD Herb Inert mate P7

D 1	Gypsum plaster board,													
D 1														
D I	regular, generic, 6.5-25													
D	mm (0.25-0.98 in), 10.725													
D	kg/m2 (2.20 lbs/ft2) (for													
D	12.5 mm/0.49 in), 858 kg/m3 (53.6 lbs/ft3)	10123.3 m2		-279.42		-279.42		Floor slabs	Superim n	2 Internal f	As building Plasterbo	n Degular a	One Click	P232
	ngririo (co.o ibarito)	10123.3 1112		-210.42		-210.92		T TOOL STADE	Jypsuiii ii	3.Internal	As building Flaster be	a regulai g	One Olick	1 202
	Waterproof, protective, flexible coating, 1.5 kg/l.													
	Lastogum (PCI Augsburg)	8.1 m2		36.7		36.7		Floor slabs	_andfilling	3.Internal f	20 Ceramic	i Sealants ((: Oekobau.c	P7
1	Tile adhesive, 5 kg/m2,													
	webercol pro (SAINT GOBAIN WEBER													
	FRANCE)	8.1 m2		46.97		46.97		Floor slabs	`ement/m	3 Internal t	30 Ceramic	i Tile adhes	FDES	P7
-	Ceramic wall tiles, glazed	0.1 1112		40.01		40.07		T TOOK DIGID.	Junionem	O.IIIKOITIGI I	O Cordino	. The dance	J I DEG	
	or unglazed, 7.5 mm, 18													
TOTAL	kg/m2 (Seranit (2020), Inönü plant)	8.1 m2		209.28		209.28		Floor slabs	Prick/eton	2 Internal f	1 30 Ceramic	i Wall and	EDD Coro	P2
101712	Water-borne wall paints	0.12		LUU.LU		200.20		T TOOK SIGHT	Diriote Storie	O.HIKUITKAI	SO GUILLING	. Truii unu	Li D Gold	1.2
1	for interior use, 0.346													
	kg/m2, 1.559 kg/l, Zenit Grund, Classic Grund													
TOTAL	(AkzoNobel Herbol)	2712.23 kg		6337.99		26337.99		Floor slabs	andfilling	3.Internal 1	For both si 15 Plasterbo	a Paints, co	EPD Herb	P7
	Gypsum plaster board, regular, generic, 6.5-25													
1	mm (0.25-0.98 in), 10.725													
- 1	kg/m2 (2.20 lbs/ft2) (for													
1.	12.5 mm/0.49 in), 858	10123.3 m2		40964.3		40964.3		Floor -1-1	~ marine -	2 Intern	As building Division	- Bassile -	One Clink	P232
TOTAL	kg/m3 (53.6 lbs/ft3)	10123.3 MZ	+	÷0804.3		10001.0		Floor slabs	Jypsum n	3.Internal 1	As building Plasterbo	a negular g	OHE CHCK	P232
	Waterproof, protective,													
bioC I	flexible coating, 1.5 kg/l, Lastogum (PCI Augsburg)	8.1 m2		n		0		Floor slabs	_andfilling	3.Internal	20 Ceramic	Sealants /	(: Oekobau r	P7
	Tile adhesive, 5 kg/m2,							1 row stabe		arradi	20 Godinic			
	webercol pro (SAINT GOBAIN WEBER													
bioC I	GOBAIN WEBER FRANCE)	8.1 m2		n		0		Floor slabs	Sement/m	3 Internal	30 Ceramic	Tile adha	S EDES	P7
- (Ceramic wall tiles, glazed	0.1 1112						T TOOK SHADE	Junionem	O.IIIKUITIGI I	O COITAINO	. The dance	J I DEG	
	or unglazed, 7.5 mm, 18													
	kg/m2 (Seranit (2020), Inönü plant)	8.1 m2		0		0		Floor slabs	Brick/ston	3 Internal t	30 Ceramic	Wall and	f EPD Cera	P2
1	Water-borne wall paints	0.1 1112						T TOOK DIGID.	Direction in	O.IIIKOITIGI I	O Cordino	. Truii unu	Li D Gold	1.2
1	for interior use, 0.346													
	kg/m2, 1.559 kg/l, Zenit Grund, Classic Grund													
	(AkzoNobel Herbol)	2712.23 kg		0		0		Floor slabs	_andfilling	3.Internal f	For both si 15 Plasterbo	a Paints, co	EPD Herb	P7
	Gypsum plaster board,													
l'i	regular, generic, 6.5-25 mm (0.25-0.98 in), 10.725													
- 1	kg/m2 (2.20 lbs/ft2) (for													
	12.5 mm/0.49 in), 858			_					_					
bioC I	kg/m3 (53.6 lbs/ft3)	10123.3 m2		0		0		Floor slabs		3.Internal 1	As building Plasterbo	a Regular g	One Click	P232
			130247.5	7595.24		67595.24		127446.7		3.Internal				
D4	Fluide frigorigène R32	440.0		40040 7		040040 7		D. fr		5 40 0 O-	0.5	D-61	MDEOD !	05.5 D7
	(MDEGD) Fluide frigorigène R32	148.2 kg		342346.7		342346.7		Refrigeran		5.13.2.Spe	25	Ketrigerar	MDEGD F	25.5 P7
TOTAL	(MDEGD)	440.0												
		148.2 Kg		342346.7		342346.7		Refrigeran		5.13.2.Spe	25	Refrigerar	n MDEGD F	25.5 P7
		148.2 kg		342346.7 3 42346.7		342346.7 342346.7		Refrigeran		5.13.2.Spc 5.13.2.Spc	25	Refrigerar	MDEGD F	25.5 P7
	District heat distribution			42346.7		342346.7	0			5.13.2.Sp				
A1-A3	center, per 1kW Water circulation radiator,	660.039 kW	3036.18	6093.6		342346.7 6093.6	0	3036.18 Building s	Metal-cont	5.13.2.Spe 5.6.Space	30 Heat dist	il HVAC cor	r One Click	P8
A1-A3 (center, per 1kW Water circulation radiator, per 1kW / unit			6093.6		342346.7	0		Metal-cont	5.13.2.Spe 5.6.Space	30 Heat dist	il HVAC cor	r One Click	
A1-A3 I	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping	660.039 kW	3036.18	6093.6		342346.7 6093.6	0	3036.18 Building s	Metal-cont	5.13.2.Spe 5.6.Space	30 Heat dist	il HVAC cor	r One Click	P8
A1-A3 A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated	660.039 kW 1012.33 kW	3036.18 52914.49 1873.82	6093.6 239124.9 6388.3		342346.7 6093.6 239124.9 6388.3	0	3036.18 Building sy 52914.49 Building si 1873.82 Building si	Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC cor	n One Click	P8
A1-A3 A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types	660.039 kW	3036.18	6093.6 239124.9 6388.3		342346.7 6093.6 239124.9	0	3036.18 Building s	Metal-cont Metal-cont	5.6.Space 5.6.Space	30 Heat dist	il HVAC cor	n One Click	P8
A1-A3 A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution	660.039 kW 1012.33 kW 10123.3 m2	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8		342346.7 6093.6 239124.9 6388.3 251606.8	0	3036.18 Building sy 52914.49 Building sy 1873.82 Building sy 57824.49	Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC con il HVAC con il Pipes (wa	n One Click n One Click	P8 P8
A1-A3 1 1 1 1 1 1 1 1 1	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator,	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45	0	3036.18 Building sy 52914.49 Building sy 1873.82 Building sy 57824.49 Building sy	Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con	n One Click n One Click al One Click n One Click	P8 P8 P8
11-A3	center, per 1kW Water circulation radiator, per 1kW/ unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW/ water circulation radiator, per 1kW/ water circulation radiator,	660.039 kW 1012.33 kW 10123.3 m2	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8		342346.7 6093.6 239124.9 6388.3 251606.8	0 0	3036.18 Building sy 52914.49 Building sy 1873.82 Building sy 57824.49	Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con	n One Click n One Click al One Click n One Click	P8 P8
11-A3 (11-A3 (11-A) (11-A3 (11-A) (11-A) (11-A) (11-A) (11-A) (11-A) (11	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45	0	3036.18 Building sy 52914.49 Building sy 1873.82 Building sy 57824.49 Building sy	Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con	n One Click n One Click al One Click n One Click	P8 P8 P8
11-A3 11-A3 11-A3 11-A3 11-A3 14 14	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per 1keW / unit	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45	0 0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s	Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist 30 Heat dist 30 Heat dist 30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con il HVAC con	n One Click n One Click at One Click n One Click n One Click	P8 P8 P8 P8
11-A3 1 11-A3 1 11-A3 1 11-A3 1 11-A3 1 14 1 4 1 4 1	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per network, per network, per nez heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per nez heated area, all building types	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW	3036.18 52914.49 1873.82 57824.49	6093.6 239124.9 6388.3 251606.8		342346.7 6093.6 299124.9 6388.3 251606.8 2945.45 51333.23	0	3036.18 Building sy 52914.49 Building sy 1873.82 Building sy 57824.49 Building sy	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist 30 Heat dist 30 Heat dist 30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con il HVAC con	n One Click n One Click at One Click n One Click n One Click	P8 P8 P8
11-A3 (1-A3 (1-A) (1-A3 (1-A) (1-A3 (1-A)	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution piping	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49	6093.6 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 66096.51		342346.7 6003.6 239124.9 6388.3 251606.8 2945.45 51333.23	0 0 0	3036.18 Building s; 52914.49 Building s; 1873.82 Building s; 57824.49 Building s; Building s; Building s;	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	il HVAC con il HVAC con il Pipes (wa il HVAC con il HVAC con il HVAC con il Pipes (wa	r One Click r One Click d One Click r One Click r One Click r One Click d One Click	P8 P8 P8 P8 P8
11-A3	center, per 1kW Water circulation natiator, per 1kW / unit Heat distribution piping network, per m2k / per piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation natiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / water per 1kW Water circulation radiator, water per 1kW	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2	3036.18 52914.49 1873.82 57824.49	6093.6 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51		342346.7 6093.6 239124.9 6388.3 251606.8 2245.45 51333.23 1817.83 56906.51	0 0 0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi	r One Click r One Click d One Click r One Click r One Click r One Click d One Click	P8 P8 P8 P8 P8 P8 P8 P8
11-A3	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW / unit Water circulation radiator, per 1kW / unit Water circulation radiator, per 1kW / unit per	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49	6093.6 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51		342346.7 6003.6 239124.9 6388.3 251606.8 2945.45 51333.23	0	3036.18 Building s; 52914.49 Building s; 1873.82 Building s; 57824.49 Building s; Building s; Building s;	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi	r One Click r One Click d One Click r One Click r One Click r One Click d One Click	P8 P8 P8 P8 P8
11-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2	3036.18 52914.49 1873.82 57824.49	6093.6 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51		342346.7 6093.6 239124.9 6388.3 251606.8 2245.45 51333.23 1817.83 56906.51	0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi ii HVAC coi ii Pipes (wa ii HVAC coi	r One Click r One Click d One Click r One Click r One Click r One Click d One Click	P8 P8 P8 P8 P8 P8 P8 P8
11-A3 1 11-A3 1 11-A3 1 11-A3 1 11-A3 1 14 4 1 14 1 14 1 15 5 1 15 1	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution piping network, per m2 heated center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution pipen per	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 10123.3 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6388.3 251606.8 29945.45 51333.23 1817.83 36096.51 91.67		342346.7 6003.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67	0	3036.18 Building s 52914.49 Building s 1973.82 Building s 37624.49 Building s Building s Building s Building s 529.14 Building s	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	ii HVAC con ii HVAC con	n One Click	P8
1-A3 1-	center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution piping network, per m2 heated content; per 1kW water inculation radiator, per 1kW / unit Heat distribution piping network per m2 heated area, all building types	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51		342346.7 6093.6 239124.9 6388.3 251606.8 2245.45 51333.23 1817.83 56906.51	0 0 0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	ii HVAC con ii HVAC con	n One Click	P8 P8 P8 P8 P8 P8 P8 P8
1-A3 1-	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0	3038.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 30.36 Building s 529.14 Building s 571.94	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space	30 Heat dist	ii HVAC con	r One Click r One Click If One Click	P8
1-A3 1-	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, Water circulation radiator, Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, Heat distribution piping network, per m2, heated area, all building types District heat distribution center, per 1kW Unit District heat distribution center, per 1kW District heat distribution center, per 1kW Unit District heat distribution center, per 1kW	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 10123.3 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8	0	3036.18 Building si 52914.49 Building si 1873.82 Building si 57824.49 Building si Building si Building si 30.36 Building si 529.14 Building si	Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont Metal-cont	5.6.Space	30 Heat dist	ii HVAC con	r One Click r One Click If One Click	P8
11-A3	center, per 1kW Water circulation radiator, per 1kW 1 unit Head distribution piping network, per mkW 1 per mk beated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW 1 unit Head distribution piping network, per m2 heated area, all building types District head distribution piping network, per m2 heated area, all building types District head distribution piping network, per m8 water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution piping network, per m2 heated area, all building types District head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW water circulation radiator, per 1kW / unit head distribution piping network, per m2 heated area, all building types	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0 0 0	3038.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 30.36 Building s 529.14 Building s 571.94	Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC con II HVAC con II Pipes (wai II HVAC con II HVAC con	r One Click	P8
11-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, Water circulation radiator, Heat distribution piping network, per m2 heated area, all building types District heat distribution piping network per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, Heat distribution piping District heat distribution center, per 1kW Unit Heat distribution piping District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping heated distribution piping heat distribution piping	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0	3038.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 103.08 Building s 112.43 Building s 971.94 Building s	Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC con II HVAC con II Pipes (wai II HVAC con II HVAC con	r One Click	P8
11-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per m2 heated center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution per they / unit Head distribution piping network per m2 heated water per 1kW / unit Head distribution piping network, per m2 heated	660.039 kW 10123.3 m2 660.039 kW 10123.3 m2 10123.3 m2 10123.3 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0	3038.18 Building s 52914.49 Building s 1873.82 Building s Building s Building s Building s 30.36 Building s 112.43 Building s 112.43 Building s 971.94 Building s Building s	Metal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC cost II HVAC cost II Pipes (was II HVAC cost	r One Click	P8
11-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 m2 660.039 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0	3038.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 103.08 Building s 112.43 Building s 971.94 Building s	Wetal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC cost II HVAC cost II Pipes (was II HVAC cost	r One Click	P8
1.A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution tenter, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network per m2 heated area, all building types District heat distribution District heat distribution	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	142346.7 6093.6 6388.3 1551606.8 2945.45 11333.23 1817.83 66096.51 91.67 2926.8 497.09 0 0		342346.7 6003.6 239124.9 6338.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2920.8 497.09 3515.55 0	0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 1203.86 Building s 529.14 Building s 112.43 Building s 671.94 Building s Building s Building s Building s	Wetal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC cost	r One Click	P8 P
1.1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution per 1kW / unit Heat distribution piping heat distribution piping heat distribution piping area, all building types District heat distribution piping area, all building types District heat distribution piping area, all building types	660.039 kW 10123.3 m2 660.039 kW 10123.3 m2 10123.3 m2 10123.3 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14	6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8		342346.7 6093.6 239124.9 6388.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.00 3515.55	0	3038.18 Building s 52914.49 Building s 1873.82 Building s Building s Building s Building s 30.36 Building s 112.43 Building s 112.43 Building s 971.94 Building s Building s	Wetal-cont	5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space 5.6.Space	30 Heat dist	II HVAC cost	r One Click	P8
A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network per 1kW District heat distribution center, per 1kW District heat distribution center, per 1kW Mater circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Unit Heat distribution piping network, per m2 heated area, all building types District heat distribution piping network, per m2 heated area, all building types	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14 112.43 671.94	142346.7 6093.6 6388.3 1551606.8 2945.45 11333.23 1817.83 66096.51 91.67 2926.8 497.09 0 0		342346.7 6003.6 239124.9 6338.3 251606.8 2945.45 51333.23 1817.83 56096.51 91.67 2920.8 497.09 3515.55 0	0	3036.18 Building s 52914.49 Building s 1873.82 Building s 87824.49 Building s Building s Building s 30.36 Building s 112.43 Building s 112.43 Building s	Wetal-cont	5.6. Space 5.6. Space	30 Heat dist	II HVAC con II HVAC con II Pipes (wai	r One Click	P8 P
A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District head distribution center, per 1kW District head distribution center, per 1kW District head distribution center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping District head edistribution center, per 1kW	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14 112.43 671.94	142346.7 6093.6 6388.3 5251606.8 2945.45 51333.23 1817.83 66096.51 91.67 2926.8 497.09 0 0		342346.7 6003.6 239124.9 6388.3 2591606.8 22945.45 51333.23 1817.83 56096.81 91.67 2926.8 497.09 3313.55 0 0 0 0 9166.54	0 0 0 0	3036.18 Building s 52914.49 Building s 1873.82 Building s 57824.49 Building s Building s Building s Building s 1203.86 Building s 529.14 Building s 112.43 Building s 671.94 Building s Building s Building s Building s	Wetal-cont	5.6. Space 5.6. Space	30 Heat dist	II HVAC con II HVAC con II Pipes (wai	r One Click	P8 P
A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57824.49 30.36 529.14 112.43 671.94	142346.7 6093.6 339124.9 6388.3 151606.8 2945.45 511333.23 1817.83 391.67 2926.8 497.09 3515.55 0 0		342346.7 6093.6 239124.9 6388.3 251696.8 2945.45 51333.23 1817.83 56096.51 91.67 2926.8 497.09 3515.55 0 0 0 9166.54 292680.1	0	3036.18 Building s 52914.49 Building s 57824.49 Building s Building s Building s Building s Building s 529.14 Building s 529.14 Building s Building s 549.14 Building s Building s 549.14 Building s	Metal-cont	5.6. Space 5.6. Space	30 Heat dist 31 Heat dist 32 Heat dist 33 Heat dist 34 Heat dist 35 Heat dist 36 Heat dist 37 Heat dist	II HVAC core II Pipes (wa II HVAC core II Pipes (wa II HVAC core	r One Click or One Click	P8 P
A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per m2 heated Water circulation radiator, Water circulation radiator, Water circulation radiator, Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57624.49 30.36 529.14 112.43 671.94	142346.7 6093.6 6388.3 5251606.8 2945.45 51333.23 1817.83 66096.51 91.67 2926.8 497.09 0 0		342346.7 6003.6 239124.9 6388.3 2591606.8 22945.45 51333.23 1817.83 56096.81 91.67 2926.8 497.09 3313.55 0 0 0 0 9166.54		3036.18 Building s 52914.49 Building s 1873.82 Building s 87824.49 Building s Building s Building s 30.36 Building s 112.43 Building s 112.43 Building s	Wetal-cont	5.6. Space 5.6. Space	30 Heat dist 31 Heat dist 32 Heat dist 33 Heat dist 34 Heat dist 35 Heat dist 36 Heat dist 37 Heat dist	II HVAC core II Pipes (wa II HVAC core II Pipes (wa II HVAC core	r One Click or One Click	P8 P
A1-A3	center, per 1kW Water circulation radiator, per 1kW / unit Head distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated area, all building types District heat distribution center, per 1kW Water circulation radiator, per 1kW / unit Heat distribution piping network, per m2 heated	660.039 kW 1012.33 kW 10123.3 m2 660.039 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW 1012.33 kW	3036.18 52914.49 1873.82 57624.49 30.36 529.14 112.43 671.94	42346.7 6093.6 6388.3 5151606.8 2945.45 51333.23 1817.83 366096.51 2926.8 497.09 0 0 0		342346.7 6093.6 239124.9 6388.3 251696.8 22945.45 51333.23 1817.83 66996.51 91.67 2926.8 497.09 3315.55 0 0 0 0 9166.54 292690.1		52914.49 Building s 52914.49 Building s 57824.49 Building s	Wetal-cont	5.6. Space	30 Heat dist 31 Heat dist 32 Heat dist 33 Heat dist 34 Heat dist 35 Heat dist 36 Heat dist 37 Heat dist	II HVAC core II Pipes (wa	r One Click r One Click	P8 P

Water circulation	on radiator											
Water circulation B5 per 1kW / unit		1012.33 kW	0	0			0		0	Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
Heat distribution network, per m2												
B5 area, all building		10123.3 m2	0	0			0		0	Building s Metal-cont 5.6.Space	30 Heat distril Pipes (wat One Click	P8
B5 District heat dist	stribution									5.6.Space		
C2 center, per 1kW Water circulation	V	660.039 kW	116.2	16			116.26			Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click Trailer con	n P8
C2 per 1kW / unit		1012.33 kW	2026.2	13			2026.23			Building s Metal-cont 5.6.Space	30 Heat distril HVAC con One Click Trailer con	P8
Heat distribution network, per m2												
C2 area, all building	g types	10123.3 m2	71.7				71.75			Building sy Metal-cont 5.6.Space	30 Heat distril Pipes (wal One Click Trailer co	P8
C2 District heat dist			2214.2	15			2214.25			5.6.Space		
C3 center, per 1kW	V	660.039 kW	10.4	4			10.44			Building s Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
C3 Water circulation per 1kW / unit		1012.33 kW	181.9	is.			181.98			Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
Heat distribution	n piping	1012.33 KW	101.6				101.00			building of Wetal-Curt 3.0.0pace	30 Heat distril TVAC coil Offic Click	10
network, per m2 C3 area, all building	2 heated g types	10123.3 m2	6.4	4			6.44			Building s Metal-cont 5.6.Space	30 Heat distril Pipes (wat One Click	P8
C3			198.8	7			198.87			5.6.Space		
District heat dist C4 center, per 1kW	v	660.039 kW	0.7	9			0.79			Building s Metal-cont 5.6.Space	30 Heat distril HVAC con One Click Inert mate	P8
Water circulation	on radiator,	1012.33 kW	13.7				13.76				30 Heat distril HVAC con One Click Inert mate	
C4 per 1kW / unit Heat distribution	n piping	1012.33 KW	13.7	0			13.70			Building sy Metal-cont 5.6.Space	30 Reat distril RVAC coil One Click Illert mate	1 10
network, per m2		10123.3 m2	0.4				0.49			Building s Metal-cont 5.6.Space	20 Heat distril Dines (sed One Clieb Inest met	P8
C4 area, all building C4		10123.3 1112	15.0				15.04			5.6.Space	30 Heat distril Pipes (wal One Click Inert mate	ro ro
District heat dist center, per 1kW	stribution V	660.039 kW	-12108	9			-12108.9			Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
Water circulation	on radiator,											
D per 1kW / unit Heat distribution		1012.33 kW	-21103	14			-211034			Building s Metal-cont 5.6.Space	30 Heat distril HVAC cor One Click	P8
network, per m2	2 heated	40400 0								D. 11.5		
D area, all building D	g types	10123.3 m2	-7659.0	19			-7659.09			Building s Metal-cont 5.6.Space 5.6.Space	30 Heat distril Pipes (wat One Click	P8
District heat dist	stribution	000 000 144/	45				40404.75				20 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	50
Water circulation	on radiator,	660.039 kW	18424.7				18424.75			Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
TOTAL per 1kW / unit Heat distribution		1012.33 kW	588286	9			588286.9			Building s Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
network, per m2	2 heated											
TOTAL area, all building	g types	10123.3 m2	17066.7	1			17066.71			Building s Metal-cont 5.6.Space 5.6.Space	30 Heat distril Pipes (wat One Click	P8
District heat dist												
bioC center, per 1kW Water circulation		660.039 kW		U			0			Building s Metal-cont 5.6.Space	30 Heat distri HVAC cor One Click	P8
bioC per 1kW / unit		1012.33 kW		0			0			Building sy Metal-cont 5.6.Space	30 Heat distril HVAC con One Click	P8
Heat distribution network, per m2	2 heated											
bioC area, all building	g types	10123.3 m2		0			0			Building s Metal-cont 5.6.Space	30 Heat distril Pipes (wat One Click	P8
			58496.43 623778	4			623778.4		116320.9	5.6.Space 5.6.Space		
Air handling unit recovery through heat exchanger, m3/h (5885.8 ft3 1256 kg/unit (27 A1-A3 lbs/unit)	th plate ; 10 000 t3/min), ;769	2.6546 unit	3332.99 27014.0	15			27014.05	0	3332.99	Building s Metal-cont 5.7.Ventila	25 Ventilation HVAC con One Click	P8
Ventilation ducti A1-A3 linear, D: 63 mm	m (2.48 in)	3330.57 m	2830.98 20588.6	8			20588.68	0	2830.98	Building s Metal-cont 5.7.Ventila	60 Ventilation HVAC cor One Click	P8
A1-A3 Air handling unit recovery through heat exchanger, m3/h (588.5 8 ft3 1256 kg/unit (27 A4 lbs/unit)	it, with heat ith plate ; 10 000 t3/min),	2.6546 unit	6163.97 47602.7	3			47602.73 47602.73		6163.97	5.7.Venttili Building s Metal-cont 5.7.Venttila	25 Ventilation HVAC con One Click	P8
Ventilation ducti	ting, per m											
A4 linear, D: 63 mm	m (2.48 in)	3330.57 m	2746.3 5979.7	7			2746.39 5979.77			Building sy Metal-cont 5.7.Ventila 5.7.Ventila	60 Ventilation HVAC cor One Click	P8
Air handling unit recovery through heat exchanger, m3/h (5885.8 ft3 1256 kg/unit (27 A5 lbs/unit)	th plate , 10 000 t3/min), 769	2.6546 unit	33.33 303.8				303.87		33.33	Building sy Metal-cont 5.7.Ventila	25 Ventilation HVAC con One Click	P8
Ventilation ducti	ting, per m		28.31 234.5				234.54				60 Ventilation HVAC cor One Click	P8
A5 linear, D: 63 mm A5 Air handling unit recovery through heat exchanger, m3/h (5885.8 ft2	it, with heat th plate , 10 000	333U.57 M	28.31 234.5 61.64 538.4	11			234.54 538.41		28.31 61.64	Building s Metal-cont 5.7. Ventila 5.7. Ventila	OU VERHIBIOR HVAC CON ONe Click	P8
1256 kg/unit (27 B3 lbs/unit)		2 6546								Building o Metal cont 5.7 Ventile	25 Ventilation HVAC and One Clink	Do
Ventilation ducti	ting, per m	2.6546 unit		U			0			Building s Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
B3 linear, D: 63 mm	m (2.48 in)	3330.57 m		0			0			Building s Metal-cont 5.7.Ventila 5.7.Ventila	60 Ventilation HVAC con One Click	P8
Air handling unit recovery through heat exchanger, m3/h (5885.8 ft2 1256 (g/unit (27 lbs/unit) Air handling unit	th plate ; 10 000 t3/min), 769	2.6546 unit	60774.	8			60774.8		6665.97	Building s Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
recovery through heat exchanger, m3/h (5885.8 ft3 1256 kg/unit (27 B5 lbs/unit)	t3/min),	2.6546 unit	0	0			0		0	Building st Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8

	A 1-1								
	Air handling unit, with heat recovery through plate								
	heat exchanger, 10 000								
	m3/h (5885.8 ft3/min), 1256 kg/unit (2769								
C2	Ibs/unit)	2.6546	unit	127.6	127.63	Buildir	ng s Metal-cont 5.7.Ventila	25 Ventilation HVAC con One Click Trailer con	P8
	Ventilation ducting, per m								
C2	linear, D: 63 mm (2.48 in)	3330.57	m	108.4 236.0	108.41 236.03	Buildir	ng s Metal-cont 5.7.Ventila 5.7.Ventila	60 Ventilation HVAC con One Click Trailer con	P8
-	Air handling unit, with heat			200.0			o.r.vericin		
	recovery through plate heat exchanger, 10 000								
	m3/h (5885.8 ft3/min),								
	1256 kg/unit (2769								
C3	Ibs/unit) Ventilation ducting, per m	2.6546	unit	11.4	11.46	Buildir	ng sy Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
C3	linear, D: 63 mm (2.48 in)	3330 57	m	9.7	9,74	Buildir	ng s Metal-cont 5.7.Ventila	60 Ventilation HVAC con One Click	P8
C3				21.:	21.2		5.7.Ventila		
	Air handling unit, with heat								
	recovery through plate heat exchanger, 10 000								
	m3/h (5885.8 ft3/min),								
C4	1256 kg/unit (2769 lbs/unit)	2.6546	. mit	0.8	0.87	Desilate	ng s Metal-cont 5.7.Ventila	25 Ventilation HVAC con One Click Inert mate	P8
C4	Ventilation ducting, per m								
C4	linear, D: 63 mm (2.48 in)	3330.57	m	0.7	0.74	Buildir	ng sy Metal-cont 5.7.Ventila	60 Ventilation HVAC cor One Click Inert mate	P8
C4	Air handling unit, with heat			1.0	1.8		5.7.Ventila		
	recovery through plate								
	recovery through plate heat exchanger, 10 000								
1	m3/h (5885.8 ft3/min), 1256 kg/unit (2769								
D	lbs/unit)	2.6546	unit	-19905.9	-19905.9	Buildir	ng s Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
_	Ventilation ducting, per m								
D	linear, D: 63 mm (2.48 in)	3330.57	m	-5673.3	-5673.36	Buildir	ng sy Metal-cont 5.7.Ventila 5.7.Ventila	60 Ventilation HVAC con One Click	P8
i -	Air handling unit, with heat								
	recovery through plate heat exchanger, 10 000								
1	m3/h (5885.8 ft3/min),								
	1256 kg/unit (2769								
TOTAL	lbs/unit) Ventilation ducting, per m	2.6546	unit	91466.0	91466.07	Buildir	ng s Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
TOTAL TOTAL	linear, D: 63 mm (2.48 in)	3330.57	m	23688.4	23688.48	Buildir	ng s Metal-cont 5.7.Ventila	60 Ventilation HVAC cor One Click	P8
TOTAL							5.7.Ventila		
	Air handling unit, with heat recovery through plate								
	heat exchanger, 10 000								
l	m3/h (5885.8 ft3/min), 1256 kg/unit (2769								
	lbs/unit)	2.6546	unit			Buildir	ng s Metal-cont 5.7.Ventila	25 Ventilation HVAC cor One Click	P8
	Ventilation ducting, per m								
bioC bioC	linear, D: 63 mm (2.48 in)	3330.57	m	- 1		Buildir	ng s Metal-cont 5.7. Ventila	60 Ventilation HVAC cor One Click	P8
							E 7 Ventils		
DIOC				225.61 115154.	115154.6 1289	91.58	5.7.Ventila 5.7.Ventila		
	Electricity distribution			225.61 115154.	115154.6 1289	91.58	5.7.Ventila 5.7.Ventila		
	system, cabling and			225.61 115154.	115154.6 1289	91.58	5.7.Ventila 5.7.Ventila		
A1-A3	system, cabling and central, for all building types, per m2 GFA	10123.3		225.61 115154.0 088.27 204687.3			5.7.Ventila 5.7.Ventila ng s Metal-cont 5.Services	30 Electricity HVAC con One Click	P8
A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply	10123.3					5.7.Ventili 5.7.Ventili		
A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential		m2 44	088.27 204687.	204687.3 0 4008	38.27 Buildir	5.7.Ventili 5.7.Ventili ng s Metal-cont 5.Services	30 Electricity HVAC cor One Click	P8
A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential buildings)	10123.3	m2 44		204687.3 0 4008	38.27 Buildir	5.7.Ventili 5.7.Ventili		
A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential buildings) Sewage water drainage		m2 44	088.27 204687.	204687.3 0 4008	38.27 Buildir	5.7.Ventili 5.7.Ventili ng s Metal-cont 5.Services	30 Electricity HVAC cor One Click	P8
A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential buildings) Sewage water drainage piping network, per m2 GIFA (residential	10123.3	m2 40	088.27 204687. 643.19 8943.3	204887.3 0 40081 8943.35 0 294	38.27 Buildir 13.19 Buildir	5.7.Ventiti 5.7.Ventiti 5.7.Ventiti ng sy Metal-cont 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8
A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential buildings) Sewage water drainage piping network, per m2		m2 40	088.27 204687. 643.19 8943.3 866.74 4427.	204887.3 0 40081 8943.35 0 294	38.27 Buildir 13.19 Buildir	5.7.Ventiti 5.7.Ventiti 5.7.Ventiti ng sy Metal-cont 5.Services	30 Electricity HVAC cor One Click	P8
A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water suppty piping network, per m2 GIFA (residential buildings) Sewage water drainage piping network, per m2 GIFA (residential buildings) Ewage water drainage piping network, per m2 GIFA (residential buildings)	10123.3	m2 40	088.27 204687. 643.19 8943.3	204887.3 0 40081 8943.35 0 294	38.27 Buildir 13.19 Buildir	5.7.Ventili 5.7.Ventili ng s Metal-cont 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Drinking water supply piping network, per m2 GIFA (residential buildings) Sewage water drainage piping network, per m2 GIFA (residential buildings) Ele	10123.3	m2 40	088.27 204687. 643.19 8943.3 866.74 4427.	204887.3 0 40081 8943.35 0 294	38.27 Buildir 13.19 Buildir	5.7.Ventiti 5.7.Ventiti 5.7.Ventiti ng sy Metal-cont 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Dirthding water supply piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Electricity distribution system, cabling and central, for all building and central, for all building and central, for all building.	10123.3	m2 40	088.27 204687. 643.19 8943.3 866.74 4427. 4598.2 218058.	204687.3 0 40081 8943.35 0 264 4427.5 0 1866 218686.1 4451	38.27 Buildir 43.19 Buildir 566.74 Buildir 598.2	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services 5.Services	30 Electricity HVAC cor One Click 30 Fresh walk Pipes (wal One Click 30 Wastewali Pipes (wal One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Electricity distribution system, cabling and central, for all building types, per m2 GFA Dirinking water supply	10123.3	m2 40	088.27 204687. 643.19 8943.3 866.74 4427.	204887.3 0 40081 8943.35 0 294	38.27 Buildir 43.19 Buildir 566.74 Buildir 598.2	5.7.Ventiti 5.7.Ventiti 5.7.Ventiti ng sy Metal-cont 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA buildings water supply piping network, per m2 GFA buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Electricity distribution system, cabling and system, cabling and types, per m2 GFA Diriking water supply piping network, per m2 GFA Diriking water supply piping network, per m2	10123.3	m2 40	088.27 204687. 643.19 8943.3 866.74 4427. 4598.2 218058.	204687.3 0 40081 8943.35 0 264 4427.5 0 1866 218686.1 4451	38.27 Buildir 43.19 Buildir 566.74 Buildir 598.2	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services 5.Services	30 Electricity HVAC cor One Click 30 Fresh walk Pipes (wal One Click 30 Wastewali Pipes (wal One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3	system, cabling and central, for all building types, per m2 GFA (pesdential all all all all all all all all all	10123.3	m2 40 40 40 m2 m2 m2 m2	088.27 204687. 643.19 8943.3 866.74 4427. 4598.2 218058.	204687.3 0 40081 8943.35 0 264 4427.5 0 1866 218686.1 4451	38.27 Buildin 13.19 Buildin 36.74 Buildin 598.2	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services s.Services s.Services s. Metal-coni 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8
A1-A3 A1-A3 A1-A3 A1-A3 A4	system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GFA (GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Electricity distribution system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GFA (GFA (residential buildings). Sewage water drainage all buildings). Sewage water drainage	10123.3	m2 40 40 40 m2 m2 m2 m2	088.27 204687 643.19 8943.3: 866.74 4427 4598.2 218058 38890	204887.3 0 40081 8943.35 0 294 4427.5 0 1888 218058.1 4451	38.27 Buildin 13.19 Buildin 36.74 Buildin 598.2	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services 5.Services	30 Electricity HVAC cor One Click 30 Fresh walk Pipes (wal One Click 30 Wastewali Pipes (wal One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA brinking water supply piping network, per m2 GFA (residential Sewage water drainage piping network, per m2 GFA (residential buildings) Electricity distribution system, cabling and central, for all buildings) buildings) buildings) per m2 GFA buildings) contral, for all buildings (residential buildings) sewage water drainage piping network, per m2 GFA (sewage). Sewage water drainage piping network, per m2 GFA (sewage) sewage water drainage piping network, per m2 GFA (sewage).	10123.3	m2 40 40 40 m2 m2 m2 m2	088.27 204687 643.19 8943.3: 866.74 4427 4598.2 218058 38890	204887.3 0 40081 8943.35 0 294 4427.5 0 1888 218058.1 4451	38.27 Buildin 13.19 Buildin 36.74 Buildin 598.2	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services s.Services s.Services s. Metal-coni 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4	system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GIFA (CIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Electricity distribution system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential suidings).	10123.3	m2 4 m2 m2 m2 m2 m2 m2	088.27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 38890.	204687.3 0 40081 8943.35 0 264. 4427.5 0 1986 216956.1 4451 38890.3 2564.21	38.27 Buildir 13.19 Buildir 36.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-con! 5.Services ng si Metal-con! 5.Services 5.Services 9.Services 9.Services 9.Services 9.Services 9.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4	system, cabling and central, for all building types, per m2 GFA Diniking water supply piping network, per m2 GFA buildings buildings buildings buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings).	10123.3 10123.3 10123.3	m2 4 m2 m2 m2 m2 m2 m2	088.27 204687.3 643.19 8943.3 866.74 4427.4 4598.2 218058.3 38890.2	204887.3 0 4088 8943.35 0 284 4427.5 0 1888 218088.1 4451 38890.3	38.27 Buildir 13.19 Buildir 36.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services s.Services s.Services s. Metal-coni 5.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A4 A4 A4	system, cabling and central, for all building types, per m2 GFA (see factorial buildings) polyage makes of the single properties of the sing	10123.3 10123.3 10123.3	m2 4 m2 m2 m2 m2 m2 m2	088.27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 38890.	204687.3 0 40081 8943.35 0 264. 4427.5 0 1986 216956.1 4451 38890.3 2564.21	38.27 Buildir 13.19 Buildir 36.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-con! 5.Services ng si Metal-con! 5.Services 5.Services 9.Services 9.Services 9.Services 9.Services 9.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4	system, cabiling and central, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA (GFA)	10123.3 10123.3 10123.3 10123.3	m2 44 m2 m2 m2 m2 m2 m2 m2	088 27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 2564.2 1810.99 43265.4	204887.3 0 4008 8943.35 0 284 4427.5 0 1888 218058.1 4451 38890.3 2564.21 1810.35 43285.46	38.27 Buildir 43.19 Buildir 56.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services ng si Metal-coni 5.Services 9.Services ng si Metal-coni 5.Services s.Services s.Services s.Services s.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA Dinking water supply piping network, per m2 GFA (residential GFA) (residential GFA) (residential buildings) buildings) buildings) buildings) buildings) buildings buildings) Sewage water drainage piping network, per m2 GIFA (residential buildings) Electricity distribution system, cabling and central, for all buildings) Electricity distribution system, cabling and central, for all buildings) and central, for all buildings of GFA	10123.3 10123.3 10123.3	m2 44 m2 m2 m2 m2 m2 m2 m2	088.27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 38890.	204887.3 0 4008 8943.35 0 284 4427.5 0 1888 218058.1 4451 38890.3 2564.21 1810.35 43285.46	38.27 Buildir 43.19 Buildir 56.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-con! 5.Services ng si Metal-con! 5.Services 5.Services 9.Services 9.Services 9.Services 9.Services 9.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8
A1-A3 A1-A3 A1-A3 A4 A4 A4	system, cabling and central, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA (GFA) (10123.3 10123.3 10123.3 10123.3	m2 44 m2 m2 m2 m2 m2 m2 m2	088 27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 2564.2 1810.99 43265.4	204887.3 0 4008 8943.35 0 284 4427.5 0 1888 218058.1 4451 38890.3 2564.21 1810.35 43285.46	38.27 Buildir 43.19 Buildir 56.74 Buildir 598.2 Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services ng si Metal-coni 5.Services 9.Services ng si Metal-coni 5.Services s.Services s.Services s.Services s.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A4-A3 A4 A4 A4	system, cabling and central, for all building lypes, per m2 GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings) system, cabling and central, for all buildings) piping network, per m2 GIFA (residential buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Sewage were drainage GIFA (residential buildings). Sewage were drainage system, cabling and central, for all buildings). Electricity distribution system, cabling and central, for all buildings of the property of the per m2 GIFA (residential buildings). The property of the per m2 GIFA (residential buildings) property of the property of the per m2 GIFA (residential buildings). The property of the per m2 GIFA (residential buildings) property of the per m2 GIFA (residential buildings) grade property of the per m2 GIFA (residential buildings) grade property of the per m2 GIFA (residential buildings) grade gra	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 : m2 m2 m2 m2 m2 m2 m2	088 27 204687. 643.19 8943.3 886.74 4427. 4598.2 218058. 2564.2 1810.99 43265.4 400.88 2452.6	204687.3 0 4008 8943.35 0 264 4427.5 0 1888 218058.1 4451 38890.3 2564.21 1810.95 43265.46	38.27 Buildin 13.19 Buildin 13.6.74 Buildin 13.6.74 Buildin 13.6.74 Buildin 14.6.74 Buildin 15.6.74 Buildin 16.6.74 Buildin	5.7.Ventili 5.7.Ventili 5.7.Ventili 7.7.Ventili 7.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8
A1-A3	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA brinking water supply piping network, per m2 GFA (cabled many supply piping network, per m2 GFA (pesidential buildings) and control of the piping network, per m2 GFA (residential buildings). Electricity distribution system, cabling and central, for all building types, per m2 GFA brinking water supply piping network, per m2 GFA buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Electricity distribution system, cabling and central, for all buildings). Electricity distribution system, cabling and central, for all buildings prince network, per m2 GFA promising water supply types, per m2 GFA promising water supply types, per m2 GFA promising water supply GFA promising wat	10123.3 10123.3 10123.3 10123.3	m2 44 m2 : m2 m2 m2 m2 m2 m2 m2	088 27 204687. 643.19 8943.3 886.74 4427. 4598.2 218098. 2564.2 1810.99 43265.4	204887.3 0 4008 8943.35 0 294 4427.5 0 1888 218058.1 445 38890.3 2564.21 1810.05 43268.46	38.27 Buildin 13.19 Buildin 13.6.74 Buildin 13.6.74 Buildin 13.6.74 Buildin 14.6.74 Buildin 15.6.74 Buildin 16.6.74 Buildin	5.7.Ventili 5.7.Ventili 5.7.Ventili ng si Metal-coni 5.Services ng si Metal-coni 5.Services 3.Services ng si Metal-coni 5.Services 9.Services ng si Metal-coni 5.Services s.Services s.Services s.Services s.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4 A4 A5	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA brinking water supply piping network, per m2 GFA (central, buildings) piping network, per m2 GFA (central, buildings) and central, per m2 GFA (pesidential buildings) buildings) buildings) buildings) buildings) buildings) per m2 GFA buildings) per m3 GFA buildings) per m3 GFA buildings) sewage water drainage piping network, per m2 GFA (residential buildings) buildings) buildings) because of piping network, per m2 GFA (residential buildings) sewage water drainage purpling network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings).	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 : m2 m2 m2 m2 m2 m2 m2	088 27 204687. 643.19 8943.3 886.74 4427. 4598.2 218058. 2564.2 1810.99 43265.4 400.88 2452.6	204687.3 0 4008 8943.35 0 264 4427.5 0 1888 218058.1 4451 38890.3 2564.21 1810.95 43265.46	38.27 Buildin 13.19 Buildin 13.6.74 Buildin 13.6.74 Buildin 13.6.74 Buildin 14.6.74 Buildin 15.6.74 Buildin 16.6.74 Buildin	5.7.Ventili 5.7.Ventili 5.7.Ventili 7.7.Ventili 7.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8
A1-A3	system, cabling and central, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA (residential buildings) Electricity distribution system, cabling and system, cabling and system, cabling and system of GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m4 m4 m5 m6 m7 m7 m8 m8 m9	089.27 204697.1 8943.39 8943.31 886.74 4427.4 4898.2 218988. 38890. 2564.2 1810.99 43285.4 400.88 2452.6	204887.3 0 4008 8943.35 0 2944 4.427.5 0 1866 219058.1 446 38890.3 2564.21 1810.95 43285.46 497.11 151	38.27 Buildir 43.19 Buildir 43.19 Buildir 56.74 Buildir Buildir Buildir Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 9.7.Ventili 9.9. Metal-coni 5.Services	30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8 P8
A1-A3	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA brinking water supply piping network, per m2 GFA (central, buildings) piping network, per m2 GFA (central, buildings) and central, per m2 GFA (pesidential buildings) buildings) buildings) buildings) buildings) buildings) per m2 GFA buildings) per m3 GFA buildings) per m3 GFA buildings) sewage water drainage piping network, per m2 GFA (residential buildings) buildings) buildings) because of piping network, per m2 GFA (residential buildings) sewage water drainage purpling network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings).	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 1	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	38.27 Buildir 13.19 Buildir 13.6.74 Buildir 198.2 Buildir 11.2 Buildir 11.2 Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili ng si Metal-coni S.Services ng si Metal-coni S.Services 9.Services	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4 A4 A5 A5	system, cabiling and central, for all building lypes, per m2 GFA Dirinking waters purply piping network, per m2 GFA Dirinking waters purply piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings) system, cabiling and central, for all buildings) piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA (residential buildings). Electricity distribution system, cabiling and central, for all buildings) piping network, per m2 GFA (residential buildings). Electricity distribution system, cabiling and system, cabiling and piping network, per m2 GFA (residential buildings). Torinking water supply piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA (residential buildings).	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 1	089.27 204697.1 8943.39 8943.31 886.74 4427.4 4898.2 218988. 38890. 2564.2 1810.99 43285.4 400.88 2452.6	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	38.27 Buildir 43.19 Buildir 43.19 Buildir 56.74 Buildir Buildir Buildir Buildir Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 9.7.Ventili 9.9. Metal-coni 5.Services	30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4 A4 A5	system, cabling and central, for all building types, per m2 GFA building types, per m2 GFA building types, per m2 GFA lorinking water supply piping network, per m2 GFA (residential buildings) buildings) buildings) buildings) buildings) buildings) buildings) buildings) per m2 GFA per m3 GFA publishings buildings) sewage water drainage piping network, per m2 GFA publishings buildings) Sewage water drainage piping network, per m2 GFA publishings buildings) sewage water drainage piping network, per m2 GFA publishings and central, for all buildings) sewage water drainage piping network, per m2 GFA publishings water supply piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) Sewage water drainage piping network, per m2 GFA buildings) system, cabiling and	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 1	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	38.27 Buildir 13.19 Buildir 13.6.74 Buildir 198.2 Buildir 11.2 Buildir 11.2 Buildir	5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili ng si Metal-coni S.Services ng si Metal-coni S.Services 9.Services	30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A1-A3 A4 AA AA AA AA AA AA AA AB	system, cabling and central, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA (Cliff (residential building types) piping network, per m2 GFA (residential buildings) water drainage piping network, per m2 GFA (residential buildings) piping network, per m2 GFA (residential buildings) piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) Electricity distribution system, cabling and piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA (residential buildings) system, cabling and central, for all buildings) and central, for all buildings press, per m2 GFA (residential buildings) respectively.	10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m4 m4 m4 m5 m6 m6 m7 m7 m8 m9	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili ng si Metal-coni S.Services ng si Metal-coni S.Services 9.Services	30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC con One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click	P8 P8 P8 P8
A1-A3	system, cabling and contral, for all building types, per m2 GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA Dirinking water supply piping network, per m2 GFA (residential buildings) Sewage water drainage piping network, per m2 GFA Dirinking water supply giping network, per m2 GFA (GFA (residential buildings) GFA (GFA (residential politicity) GFA (GFA (residential buildings) GFA (residential politicity)	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m4 m4 m4 m5 m6 m6 m7 m7 m8 m9	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 1.7.Ventili 1.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4 A5 A5 B3	system, cabling and central, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA (GFA) (GFA) (residential belowing) water drainage piping network, per m2 GFA (residential buildings) water drainage piping network, per m2 GFA (residential buildings) (GFA) (G	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m4 m4 m4 m5 m6 m6 m7 m7 m8 m9	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 1.7.Ventili 1.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A1-A3 A4 A4 A4 A4 A5 B3	system, cabiling and contral, for all building lypes, per m2 GFA Dirinking waters yearly piping relevork, per m2 GFA Dirinking waters yearly piping relevork, per m2 GFA Dirinking waters yearly piping relevork, per m2 GFA (residential buildings). Electricity distribution system, cabiling and central, for all buildings) buildings) piping relevork, per m2 GFA Dirinking water supply piping relevork, per m2 GFA Dirinking water supply piping relevork, per m2 GFA Dirinking water supply piping relevork, per m2 GFA (residential buildings). Electricity distribution system, cabiling and years years, year	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m3 m4	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili 6.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8
A1-A3 A1-A3 A1-A3 A4-A3 A4 A4 A4 A5 A5 B3 B3	system, cabling and contral, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA Diriking water supply piping network, per m2 GFA GFA Diriking water supply piping network, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings and contral for all systems and systems, cabling and contral for all systems and systems.	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m3 m4	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 1.7.Ventili 1.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click	P8 P8 P8 P8 P8 P8 P8 P8
A1-A3 B3 B3	system, cabbing and contral, for all building lypes, per m2 GFA Dirinking water supply piping network, per m2 GFA building lypes, per m2 GFA buildings). Sewage water drainage piping network, per m2 GIFA (residential buildings). Electricity distribution system, cabbing and central, for all buildings) buildings buildings). Sewage water drainage piping network, per m2 GFA (residential buildings). Sewage water drainage piping network, per m2 GFA poinsing water supply piping network, per m2 GFA buildings being network, per m2 GFA buildings buildings being network, per m2 GFA sewage water drainage piping network, per m2 GFA sewage water drainage piping network, per m2 GFA buildings	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 m3 m3 m4	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili 6.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8 P8 P8 P8
A1-A3 B3 B3	system, cabling and contral, for all building types, per m2 GFA Diriking water supply piping network, per m2 GFA Diriking water supply piping network, per m2 GFA GFA Diriking water supply piping network, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, per m2 GFA (residential buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings) Electricity distribution system, cabling and contral, for all buildings and contral for all systems and systems, cabling and contral for all systems and systems.	10123.3 10123.3 10123.3 10123.3 10123.3 10123.3 10123.3	m2 44 m2 2 m2 4 m2 4 m2 4 m2 4 m2 4 m2 4	088.27 204687.1 643.19 8943.3 886.74 4427.1 4598.2 218058. 2564.2 1510.9 43265.4 400.88 2452.6 158.59 697.1	204887.3 0 4008 8943.35 0 284 4427.5 0 188 218058.1 445 38890.3 2584.21 1810.35 4228.46 2452.61 400	Buildin Buildi	5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 5.7.Ventili 6.7.Ventili 6.7.Ve	30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Fresh walt Pipes (wal One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click 30 Wastewalt Pipes (wal One Click 30 Electricity HVAC cor One Click	P8 P8 P8 P8 P8 P8 P8 P8

B3						5.Services		
	Electricity distribution system, cabling and							
	central, for all building							
B4	types, per m2 GFA	10123.3 m2	245260.9		245260.9	40088.27 Building s Metal-cont 5. Services	30 Electricity HVAC cor One Click	P8
	Drinking water supply piping network per m2							
	piping network, per m2 GIFA (residential							
B4	buildings) Sewage water drainage	10123.3 m2	11618.55		11618.55	2643.19 Building s Metal-cont 5.Services	30 Fresh wate Pipes (wat One Click	P8
	piping network, per m2							
B4	GIFA (residential buildings)	10123.3 m2	6316.84		6316.84	1866.74 Building s Metal-cont 5.Services	30 Wastewati Pipes (wal One Click	P8
B4		10120.0 III2	263196.3		263196.3	44598.2 5.Services	oo wasanaa i peo (wai ono onok	-10
	Electricity distribution system, cabling and							
	central, for all building							
B5	types, per m2 GFA Drinking water supply	10123.3 m2	0 0		0	0 Building s Metal-cont 5.Services	30 Electricity HVAC cor One Click	P8
	piping network, per m2							
B5	GIFA (residential buildings)	10123.3 m2			0	0 Building s Metal-cont 5.Services	30 Fresh wate Pipes (wat One Click	P8
	Sewage water drainage							
	piping network, per m2 GIFA (residential							
B5	buildings)	10123.3 m2	0 0		0	0 Building sy Metal-cont 5.Services	30 Wastewati Pipes (wat One Click	P8
B5	Electricity, United					5.Services		
	Kingdom, SAP 10.1 and							
B6a	10.2 Electricity, United	244114 kWh	1991970		1991970	Electricity 5.Services	Electricity SAP 10.0	P8
DOI:	Kingdom, SAP 10.1 and 10.2	200044 114/1	2498706		0.400700	Francis Form	51.41.77. 040.40.0	200
B6b	Tap water, conventionally	306214 kWh			2498706	Electricity 5.Services	Electricity SAP 10.0	P8
B7	treated (One Click LCA)	17936 m3	291250.4		291250.4	Total wate 5.Services	Water One Click	P8
	Electricity distribution system, cabling and							
00	central, for all building	40400 0 0	4505.00		4505.00	Butter Man and South		50
C2	types, per m2 GFA Drinking water supply	10123.3 m2	1535.08		1535.08	Building sy Metal-cont 5.Services	30 Electricity HVAC con One Click Trailer con	P8
	piping network, per m2							
C2	GIFA (residential buildings)	10123.3 m2	101.21		101.21	Building s Metal-cont 5.Services	30 Fresh wate Pipes (wall One Click Trailer con	P8
	Sewage water drainage					1 1 1		
	piping network, per m2 GIFA (residential							
C2 C2	buildings)	10123.3 m2	71.48		71.48	Building s Metal-cont 5.Services	30 Wastewati Pipes (wat One Click Trailer con	P8
U2	Electricity distribution		1707.78		1707.78	5. Services		+
	system, cabling and central, for all building							
C3	types, per m2 GFA	10123.3 m2	137.87		137.87	Building s Metal-cont 5.Services	30 Electricity HVAC con One Click	P8
	Drinking water supply							
	piping network, per m2 GIFA (residential							
C3	buildings) Sewage water drainage	10123.3 m2	9.09		9.09	Building sy Metal-cont 5.Services	30 Fresh wate Pipes (wat One Click	P8
	piping network, per m2							
00	GIFA (residential	40400 0 0	6 42		6.42	B. 11.11	20 14 - 4 - 4 - 5 - 4 - 4 - 2 - 2 - 4	50
C3 C3	buildings)	10123.3 m2	153.38		153.38	Building st Metal-cont 5.Services 5.Services	30 Wastewati Pipes (wal One Click	P8
	Electricity distribution system, cabling and							
	central, for all building							
C4	types, per m2 GFA Drinking water supply	10123.3 m2	10.42		10.42	Building s Metal-cont 5.Services	30 Electricity HVAC con One Click Inert mate	P8
	piping network, per m2							
CA	GIFA (residential buildings)	10123.3 m2	0.69		0.69	Building s Metal-cont 5.Services	30 Fresh wate Pipes (wal One Click Inert mate	P8
	Sewage water drainage				5.55	Danning of motor out (0.00 1100)		- 1
	piping network, per m2 GIFA (residential							
C4	buildings)	10123.3 m2	0.49		0.49	Building s Metal-cont 5.Services	30 Wastewati Pipes (wat One Click Inert mate	P8
C4	Electricity distribution		11.6		11.6	5.Services		\rightarrow
	system, cabling and							
D	central, for all building types, per m2 GFA	10123.3 m2	-159880		-159880	Building sy Metal-cont 5.Services	30 Electricity HVAC con One Click	P8
	Drinking water supply				10000	Danning D Proces Son C. SON 11000		- 1
	piping network, per m2 GIFA (residential							
D	buildings)	10123.3 m2	-10803.8		-10803.8	Building s Metal-cont 5. Services	30 Fresh wate Pipes (wat One Click	P8
	Sewage water drainage piping network, per m2							
_	GIFA (residential							
) D	buildings)	10123.3 m2	-7630.12	+ + + + + + + + + + + + + + + + + + + +	-7630.12	Building sy Metal-cont 5.Services 5.Services	30 Wastewati Pipes (wat One Click	P8
	Electricity distribution							
	system, cabling and central, for all building							
TOTAL	types, per m2 GFA	10123.3 m2	492974.5		492974.5	Building s Metal-cont 5.Services	30 Electricity HVAC con One Click	P8
	Drinking water supply piping network, per m2							
TOT **	GIFA (residential	10122.22	22024.24		2000 4 04	Duilding of Market 1 5 Co.	30 Fresh west Pines (w C City)	P8
IUIAL	buildings) Sewage water drainage	10123.3 m2	23934.21	+ + + + + + + + + + + + + + + + + + + +	23934.21	Building s Metal-cont 5.Services	30 Fresh wate Pipes (wat One Click	P8
	piping network, per m2							
TOTAL	GIFA (residential buildings)	10123.3 m2	13012.7		13012.7	Building sy Metal-cont 5. Services	30 Wastewati Pipes (wal One Click	P8
	Tap water, conventionally							
TOTAL	treated (One Click LCA) Electricity, United	17936 m3	291250.4	+ + + + + + + + + + + + + + + + + + + +	291250.4	Total wate 5.Services	Water One Click	P8
TOTAL	Kingdom, SAP 10.1 and	244114 kWh	1991970		1991970	Electricity 5 Services	Electricity SAP 10.0	Do.
IUIAL	10.2	244114 KW/h	1991970		1991970	Electricity 5. Services	Electricity SAP 10.0	P8

Electricity, United																$\overline{}$		 \neg
Kingdom, SAP 10.1 and TOTAL 10.2	20024	4 kWh	249870	ue l				2498706					Electricity	5 Services		Floatria	ity SAP 10.0	Do
TOTAL	30021	4 KVVII	249670	10				2496700					Electricity	5.Services		Electrici	ity SAF 10.0	
Electricity distribution system, cabling and																		
central, for all building																		
bioC types, per m2 GFA Drinking water supply	10123	3 m2		0				0					Building sy	Metal-cont 5.Services	30	Electricity HVAC o	con One Click	 P8
piping network, per m2 GIFA (residential																		
bioC buildings)	10123	3 m2		0				0					Building sy	Metal-cont 5.Services	30	Fresh wate Pipes (v	wat One Click	P8
Sewage water drainage piping network, per m2																		
GIFA (residential																		
bioC buildings)	10123	.3 m2		0				0		-			Building s	Metal-cont 5.Services 5.Services	30	Wastewati Pipes (v	wat One Click	 P8
			45269.68 531184	8				5311848				89867.87		5.Services				
A1-A3 Sand, compacted dry density, 1682 kg/m3	57524	4 ka	57524.4 133.4	6					l ,	133.46	0		Materials a	8.2.1.Road 3 cm	As building	Sidewalk (Sand, se	oil LCA inven	P3
Asphalt, generic,																		
compacted, 5/95% bitumen-aggregate ratio,																		
A1-A3 2350 kg/m3 Aggregate (crushed	14832	10 kg	148320 10818.3	18					108	818.38	0 148320		Materials a	Asphalt re 8.2.1.Road 2 cm	30	Bike path (Asphalt	One Click	 P3
gravel), generic, dry bulk																		
A1-A3 density, 1600 kg/m3 Macadam (816 mm),	18240	0 kg	182400 456.3	19			+		4	456.39	0		Materials a	8.2.1.Roat 10 cm	As building	sidewalk (Sand, s	oil One Click	 P3
wet bulk density, 2000			0475							4000				0045		D.1		200
A1-A3 kg/m3 Precast concrete	24720	iu kg	247200 1081	.8			+		 1	1081.8	0		Materials a	8.2.1.Road 4 cm	As building	лке path (Sand, si	oii LCA inven	 P3
pavers/blocks, Danish average, 10 cm, 225																		
kg/m2																		
A1-A3 (Belægningsgruppen) Aggregate (crushed	25650	0 kg	256500 32571	2			+		32	2571.2	0	256500	Materials a	Rebar sep 8.2.1.Road 10 cm	As building	sidewalk (Other pr	rec EPD Belæ	 P2
gravel) generic dry bulk		_ .		_														
A1-A3 density, 1600 kg/m3 A1-A3	74160	IU kg	741600 1855.5 1633544 46916.7	8					469	855.57 916.78	0 148320	256500	Materials a	8.2.1.Road 15 cm 8.2.1.Road	As building	like path (Sand, se	oil One Click	P3
Sand, compacted dry density, 1682 kg/m3	57524	4 ka	611.9							611.92			Materials a		Ae buildin	Sidewalk (Sand, se	oil I CA inven	P3
Asphalt, generic,	31324	- ng	611.8	-			+ + +		+ + '	011.92		1	wavelidis č	o.z. r.rvak a urii	, so pulluini		on EOA IIIVEII	 13
compacted, 5/95% bitumen-aggregate ratio,																		
A4 2350 kg/m3	14832	10 kg	1577.7	5					15	577.75			Materials ε	Asphalt re 8.2.1.Road 2 cm	30	Bike path (Asphalt	One Click	P3
Aggregate (crushed gravel), generic, dry bulk																		
A4 density, 1600 kg/m3 Macadam (816 mm).	18240	0 kg	1940.2	18			1		19	940.28		1	Materials a	8.2.1.Road 10 cm	As building	Sidewalk (Sand, s	oil One Click	 P3
wet bulk density, 2000																		
A4 kg/m3 Precast concrete	24720	10 kg	2629.5	i9					26	629.59			Materials a	8.2.1.Road 4 cm	As building	Bike path (Sand, se	oil LCA inven	 P3
pavers/blocks, Danish																		
average, 10 cm, 225 kg/m2																		
A4 (Belægningsgruppen)	25650	0 kg	16371.1	1					163	371.11			Materials a	Rebar sep 8.2.1.Road 10 cm	As building	3idewalk (Other pr	rec EPD Belæ	 P2
Aggregate (crushed gravel), generic, dry bulk																		
A4 density, 1600 kg/m3 A4	74160	10 kg	7888.7 31019.4	7						888.77 019.42			Materials a	8.2.1.Road 15 cm 8.2.1.Road	As building	sike path (Sand, s	oil One Click	 P3
Sand, compacted dry	57524												Materials a			0.4		P3
A5 density, 1682 kg/m3 Asphalt, generic,	3/324	4 Kg	0	0						U			Materials c	8.2.1.Road 3 cm	AS DUIIUIN	Sidewalk (Sand, se	OII ECA IIIVeII	- 13
compacted, 5/95% bitumen-aggregate ratio,																		
A5 2350 kg/m3	14832	0 kg	0	0						0			Materials a	Asphalt re 8.2.1.Road 2 cm	30	Bike path (Asphalt	One Click	P3
Aggregate (crushed gravel), generic, dry bulk																		
A5 density, 1600 kg/m3 Macadam (8 16 mm)	18240	0 kg	0	0						0			Materials a	8.2.1.Road 10 cm	As building	sidewalk (Sand, s	oil One Click	 P3
wet bulk density, 2000				.1														
A5 kg/m3 Precast concrete	24720	10 kg	0	0						0			Materials a	8.2.1.Road 4 cm	As building	sike path (Sand, se	oil LCA inven	 P3
pavers/blocks, Danish																		
average, 10 cm, 225 kg/m2																		
A5 (Belægningsgruppen) Aggregate (crushed	25650	0 kg	0	0						0		0	Materials a	Rebar sep 8.2.1.Road 10 cm	As building	sidewalk (Other pr	rec EPD Belæ	 P2
gravel), generic, dry bulk		_ .																
A5 density, 1600 kg/m3 A5	74160	IU kg	0	U			+			0			Materials a	8.2.1.Road 15 cm 8.2.1.Road	As building	like path (Sand, s	oil One Click	 P3
Sand, compacted dry																0.1		700
B3 density, 1682 kg/m3 Asphalt, generic,	57524	4 kg		U						0			Materials a	8.2.1.Road 3 cm	As building	Sidewalk (Sand, s	oii LCA inven	P3
compacted, 5/95% bitumen-aggregate ratio,																		
B3 2350 kg/m3	14832	10 kg		0						0			Materials a	Asphalt re 8.2.1.Roac 2 cm	30	Bike path (Asphalt	One Click	P3
Aggregate (crushed gravel), generic, dry bulk																		
B3 density, 1600 kg/m3 Macadam (816 mm).	18240	10 kg		0			+			0			Materials a	8.2.1.Roat 10 cm	As building	Sidewalk (Sand, s	oil One Click	 P3
wet bulk density, 2000																		
B3 kg/m3 Precast concrete	24720	10 kg		0						0			Materials a	8.2.1.Roat 4 cm	As building	Bike path (Sand, se	oil LCA inven	 P3
pavers/blocks, Danish																		
average, 10 cm, 225 kg/m2																		
B3 (Belægningsgruppen) Aggregate (crushed	25650	0 kg		0						0			Materials a	Rebar sep 8.2.1.Road 10 cm	As building	Sidewalk (Other pr	rec EPD Belæ	 P2
gravel), generic, dry bulk																		
B3 density, 1600 kg/m3 B3	74160	10 kg		0						0			Materials a	8.2.1.Road 15 cm 8.2.1.Road	As building	sike path (Sand, se	oil One Click	 P3
Asphalt, generic,																		
compacted, 5/95% bitumen-aggregate ratio,																		
B4 2350 kg/m3	14832	0 ka	12874.4	8					128	874.48	148320		Materials a	Asphalt re 8.2.1.Road 2 cm	30	like path (Asphalt	One Click	 P3

Asphalt, generic, compacted, 5/95%								
bitumen-aggregate ratio,								
B5 2350 kg/m3	148320 kg	0 0		0	0	Materials a Asphalt re 8.2.1.Road 2	cm 30 Bike path (Asphalt One Click	P3
Asphalt, generic, compacted, 5/95%								
bitumen-aggregate ratio,								
C2 2350 kg/m3	148320 kg	434.01		434.01		Materials a Asphalt re 8.2.1.Road 2	cm 30 Bike path (Asphalt One Click Dumper to	P3
Precast concrete								
pavers/blocks, Danish average, 10 cm, 225								
kg/m2								
C2 (Belægningsgruppen)	256500 kg	750.56		750.56		Materials a Rebar sep 8.2.1.Road 10	cm As building Sidewalk (Other prec EPD Belæ Dumper tri	P2
C2 Sand, compacted dry		1184.57		1184.57		8.2.1.Road		
C3 density, 1682 kg/m3	57524.4 kg	0		0		Materials a 8.2.1.Road 3	cm As buildini Sidewalk (Sand, soil LCA inven	P3
Asphalt, generic,								
compacted, 5/95%								
bitumen-aggregate ratio, C3 2350 kg/m3	148320 kg	44.34		44.34		Materials a Asphalt re 8.2.1.Roac 2	cm 30 Bike path (Asphalt One Click	P3
Aggregate (crushed	140020 Ng	71.01		74.04		Indicinal Cytophae To C.E. T. Took 2	or Dire pair (repriat One office	- 1.0
gravel), generic, dry bulk								
C3 density, 1600 kg/m3 Macadam (816 mm),	182400 kg	0		0		Materials a 8.2.1.Road 10	cm As buildin Sidewalk (Sand, soil One Click	P3
wet bulk density, 2000								
C3 kg/m3	247200 kg	0		0		Materials a 8.2.1.Road 4	cm As building Bike path (Sand, soil LCA inven	P3
Precast concrete								
pavers/blocks, Danish average, 10 cm, 225								
kg/m2								
C3 (Belægningsgruppen)	256500 kg	88.72		88.72		Materials a Rebar sep 8.2.1.Roat 10	cm As buildini Sidewalk (Other prec EPD Belæ	P2
Aggregate (crushed								
gravel), generic, dry bulk C3 density, 1600 kg/m3	741600 kg					Materials a 8.2.1.Road 15	cm As buildin Bike path (Sand, soil One Click	P3
C3	1000 kg	133.06		133.06		8.2.1.Roat	Danish Dino pasi (Gard, Bill Ollo Ollok	
Asphalt, generic,								
compacted, 5/95% bitumen-aggregate ratio,								
D 2350 kg/m3	148320 kg	-1164.54		-1164.54		Materials a Asphalt re 8.2.1.Road 2	cm 30 Bike path (Asphalt One Click	P3
Precast concrete				1.04.04			and part of the original of th	
pavers/blocks, Danish								
average, 10 cm, 225								
kg/m2 D (Belægningsgruppen)	256500 kg	-11309.8		-11309.8		Materials s Rehar sen 8 2 1 Roar 10	cm As buildin Sidewalk (Other prec EPD Belæ	P2
D						8.2.1.Road		1
Sand, compacted dry								
TOTAL density, 1682 kg/m3 Asphalt, generic,	57524.4 kg	745.37		745.37		Materials a 8.2.1.Road 3	cm As building Sidewalk (Sand, soil LCA inven	P3
compacted, 5/95%								
bitumen-aggregate ratio,								
TOTAL 2350 kg/m3	148320 kg	25748.96		25748.96		Materials ε Asphalt re 8.2.1.Roac 2	cm 30 Bike path (Asphalt One Click	P3
Aggregate (crushed gravel), generic, dry bulk								
TOTAL density, 1600 kg/m3	182400 kg	2396.67		2396.67		Materials a 8.2.1.Road 10	cm As building Sidewalk (Sand, soil One Click	P3
Macadam (816 mm),								
wet bulk density, 2000						-		
TOTAL kg/m3 Precast concrete	247200 kg	3711.39		3711.39		Materials a 8.2.1.Road 4	cm As buildin Bike path (Sand, soil LCA inven	P3
pavers/blocks, Danish								
average, 10 cm, 225								
kg/m2 TOTAL (Belægningsgruppen)	050500 1	40704 50		40704 50			A - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	P2
Aggregate (crushed	256500 kg	49781.59		49781.59		Materials a Repair sep 8.2.1.Road 10	cm As buildin Sidewalk (Other prec EPD Bela:	P2
gravel), generic, dry bulk								
TOTAL density 1600 kg/m3	741600 kg	9744.34		9744.34		Materials a 8.2.1.Road 15	cm As building Bike path (Sand, soil One Click	P3
TOTAL Sand, compacted dry						8.2.1.Roa		
bioC density, 1682 kg/m3	57524.4 kg	0		0		Materials a 8.2.1.Road 3	cm As building Sidewalk (Sand, soil LCA inven	P3
Asphalt, generic,								
compacted, 5/95%								
bitumen-aggregate ratio, bioC 2350 kg/m3	148320 kg	0				Materials a Asphalt re 8.2.1.Road 2	cm 30 Bike path (Asphalt One Click	P3
Aggregate (crushed						materials c rapital to 0.2. I.Rust 2	Oo Dino paar (replialt One Ollok	
gravel), generic, dry bulk								
bioC density, 1600 kg/m3 Macadam (816 mm),	182400 kg	0		0		Materials a 8.2.1.Road 10	cm As buildin Sidewalk (Sand, soil One Click	P3
wet bulk density, 2000								
bioC kg/m3	247200 kg	0		0		Materials a 8.2.1.Road 4	cm As building Bike path (Sand, soil LCA inven	P3
Precast concrete								
pavers/blocks, Danish								
average, 10 cm, 225 kg/m2								
bioC (Belægningsgruppen)	256500 kg	0		0		Materials a Rebar sep 8.2.1.Road 10	cm As building Sidewalk (Other prec EPD Belæ	P2
Aggregate (crushed gravel), generic, dry bulk								
bioC gravel), generic, dry bulk density, 1600 kg/m3	741600 kg					Materials a 8.2.1.Road 15	cm As buildin Bike path (Sand, soil One Click	P3
bioC density, 1600 kg/m3 bioC						8.2.1.Roa		
		1633544 92128.32		92128.32	296640 2	256500 8.2.1.Road		
Polyethylene waterproofing								
film, 0.135 kg/m2, Film d'étanchéité en								
polyéthylène pour dalle								
(DONNEE								
ENVIRONNEMENTALE GENERIQUE PAR								
A1-A3 DEFAUT)	2280 m2	307.8 1256.62			1256.62 0	Internal wa Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD F	P7
Tile adhesive, 5 kg/m2,	LLOU IIIE				1200.02	monta w. matto-ba Not oldstill	oo ooramo a radiio ine MDEGD 1	- 1.4
webercol pro (SAINT								
GOBAIN WEBER A1-A3 FRANCE)	2280 m2	11400 6038.47			6038.47 0	11400 Internal wa Cement/m Not classif	30 Ceramic til Tile adhes FDES	P7
Ceramic glazed tile, 20								
A1-A3 kg/m2 (One Click LCA)	2280 m2	45600 17386.41			17386.41 0	45600 Internal wa Brick/stoni Not classif	30 Ceramic ti Wall and f One Click	P2

	Wall paints for interior use,														
	0.16 mm 0.249 kg/m2														
	1552 kg/m3, Alpha														
	unidecor BL mat, Alpha														
1	unidecor BL satin,														
	Alphacryl Morpha,														
1	Alphacryl Perlino,														
1	Alphacryl Pure Mat SF,														
	Alpha Rezisto Easy Clean,														
	Alpha Rezisto Mat. Alpha														
	Rezisto Anti Marks,														
	Alphacryl Plafond, Alpha														
1	Cover Mat Alpha														
1	Projecttex, Alphamat SF, Alphatex SF, Alpha Tex														
	Alphatex SF, Alpha Tex														
	Acryl, Alpha Humitex SF,														
	Alpha Sanocryl, Alpha														
	Sanoprotex, Alpha Tex														
	Schimmelwerend, Alpha														
	Isolux SF / Isolux SF														
A1-A3 A1-A3	(AkzoNobel)	5637.041	kg	5637.04	13892.84					13892.8	1 0 Inte	rnal wa Landfilling Not classif	15 Interior pai Paints, o	o EPD Sikke	P7
A1-A3				62944.84	38574.34					38574.3	57000	Not classi			
	Polyethylene waterproofing														
I	film, 0.135 kg/m2, Film														
	d'étanchéité en														
	polyéthylène pour dalle														
	(DONNEE ENVIRONNEMENTALE														
	ENVIKUNNEMENTALE														
	GENERIQUE PAR	200-									,	mal Diastia ha N	30 6	MDECD	-
A4	DEFAUT)	2280	IIIZ		17.68					17.6	Inte	mal wa Plastic-bar Not classif	30 Ceramic ti Plastic n	IE INDEGD 1	P7
	Tile adhesive, 5 kg/m2, webercol pro (SAINT														
1	GOBAIN WEBER														
Δ4	FRANCE)	2280	m2		130.96					130.9	S lets	mal wa Cement/m Not classif	30 Ceramic ti Tile adhe	e FDES	P7
A4	Ceramic glazed tile, 20	2200	2			1 1 1	1 1 1								
A4	kg/m2 (One Click LCA)	2280	m2		2619.21					2619.2	Inte	mal wa Brick/stone Not classif	30 Ceramic ti Wall and	I f One Click	P2
	Wall paints for interior use,	2200			2010.2	1 1				2019.2	IIII		55 Seramic u vvali alit	. One offer	12
1	0.16 mm, 0.249 kg/m2,														
	1552 kg/m3, Alpha														
	unidecor BL mat, Alpha														
	unidecor BL satin.														
	Alphacryl Morpha,														
	Alphacryl Perlino,														
	Alphacryl Pure Mat SF,														
	Alpha Rezisto Easy Clean.														
	Alpha Rezisto Mat, Alpha														
	Rezisto Anti Marks.														
	Alphacryl Plafond, Alpha Cover Mat, Alpha														
	Cover Mat, Alpha														
	Projecttex, Alphamat SF,														
I	Alphatex SF, Alpha Tex														
I	Acryl, Alpha Humitex SF,														
	Alpha Sanocryl, Alpha														
I	Sanoprotex, Alpha Tex														
	Schimmelwerend, Alpha														
	Isolux SF / Isolux SF	500=			784 31					784 3				- FDD 6	
A4 A4	(AkzoNobel)	5637.041	кд		784.31 3552.16					784.3 3552.1	Inte	mal wa Landfilling Not classif Not classi	15 Interior pai Paints, o	O EPD SIKKE	P7
A4	Polyethylene waterproofing		-		3552.16				 	3552.1	2	Not classi			
1	film, 0.135 kg/m2, Film														
1	d'étanchéité en														
1	polyéthylène pour dalle														
1	(DONNEE														
1	ENVIRONNEMENTALE														
1	GENERIOUE PAR														
	DEFAUT)									101.1		mal wa Plastic-bar Not classif			1 1
A5		2280	m2	30.78	191 13								30 Ceramic ti Plastic n	ne MDEGD F	P7
A5	Tile adhesive, 5 kg/m2.	2280	m2	30.78	191.12					191.1	z IIII0		30 Ceramic ti Plastic n	ne MDEGD F	P7
A5	Tile adhesive, 5 kg/m2, webercol pro (SAINT	2280	m2	30.78	191.12					191.1	2 11100		30 Ceramic ti Plastic n	ne MDEGD F	P7
A5	webercol pro (SAINT GOBAIN WEBER														
A5	webercol pro (SAINT GOBAIN WEBER FRANCE)	2280			806.88					806.8			30 Ceramic ti Plastic n 30 Ceramic ti Tile adhe		P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
A5 A5	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA)		m2	1482							3 1482 Inte			es FDES	
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercd pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazzed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL satin, Alphacryl Mcprha,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercd pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Albhacryl Perlino.	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercd pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazzed tile, 20 kg/m2 (One Click LC) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL satin, Alphacryl Mcprha, Alphacryl Perlino, Alphacryl Pure Mat SF,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercot pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 0.1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Mcpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean,	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazzed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm. 0.249 kg/m2. 1552 kg/m3, Alpha unidecor BL mat, Alpha Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Alpha Rezisto Mat, Alpha	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	webercol pro (SAINT GOBAIN WEBER FRANCE) Ceramic glazzed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alpha Rozisto Easy Clean, Alpha Rozisto Easy Clean, Alpha Rozisto Mat, Alpha Rozisto Matl Marks	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) Ceramic glaized tile, 20, Inglinz (One Click LCA) Wall paints for interior use, 1552 kg/m3, Alpha unideor BL mati, Alpha unideor BL sain, Alphacryl Perlino, Alphacryl Perlino, Alphac	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) CORAIN WEBER FRANCE) Coramic glazed tile, 20 kg/m² (One Click LCA) Wall paints for inteiror use, 0.16 mm, 0.249 kg/m². Storage Mallon Standard Maria unideoor BL mat, Alpha unideoor BL stain, Alphaney/Morpha, Alphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/M	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) CORAIN WEBER FRANCE) Coramic glazed tile, 20 kg/m² (One Click LCA) Wall paints for inteiror use, 0.16 mm, 0.249 kg/m². Storage Mallon Standard Maria unideoor BL mat, Alpha unideoor BL stain, Alphaney/Morpha, Alphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/Morphaney/M	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) CORAIN WEBER FRANCE) Coramic glazed tile, 20 kg/m² (One Click LCA) Well paints for inteiror use, 0.16 mm, 0.249 kg/m². Alpha unidecor BL mat, Alpha unidecor BL satin, unidecor BL satin, alphacy Morpha, Alphacy Furino, Alphacy Furino, Alphacy Furino, Alphacy Furino, Alphacy Furino, Alphacy Furino, Alpha Rezisto Mat, Alpha Alphacy Furino, Alpha Caver Mat, Alpha Periode, Alpha Cover Mat, Alpha Projectics, Alphana (SF, Alphana SF, Alp	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) GORAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall partis for interior use, 0.00 mm, 0.268 kg/m². Uniform Elim, 0.268 kg/m². Uniform Elim, 0.268 kg/m². Uniform Elim, 0.268 kg/m². Alphacy Horn, 0.268 kg/m². Alphacy Perlino, 1.268 kg/m². Alphacy P	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) COBAIN WEBER FRANCE) Coramic glazed tile, 20 kg/m² (One Click LCA) Wall paints for inteiror use, 0.16 mm, 0.249 kg/m². Alpha aunideoro BL mat, Alpha aunideoro BL stain, Alphaary Morpha, Alphaary Fuer on Saint Sain, and Saint	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAIN WEBER FRANCE) GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall paints for inteior use, 0. 16 mm, 0.248 kg/m². 1552 kg/m². Alpha unidecor El. mail. Alpha unidecor El. mail. Alpha and paint paint alpha paint pai	2280	m2	1482	806.88					806.8	3 1482 Inte	rnal wa Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAN WEBER FRANCE) GORAIN WEBER FRANCE) Gramic glauzed tile: 20 Jagna? (One to cit LCA) Jagna? (One to cit micro use, 10 Jagna?	2280 2280	m2 m2	1482 4560	806.88					2015.4	3 1482 Inte	mal wc Cement/m Not classif mal wc Brick/ston Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GORAIN WEBER FRANCE) Gramic glauzed tile: 20 Jagna? (One to cit LCA) Jagna? (One to cit micro use, 10 Jagna?	2280	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe	es FDES	P7
	weberod pro (SAINT GOBAN WEBER FRANCE) GOBAN WEBER FRANCE) Gramic glazed tile, 20. Ingrinz (One Clock LC A). Ingrinz (One	2280 2280 5637.041	m2 m2	1482 4560	806.88 2015.48					2015.4	3 1482 Inte 3 4560 Inte	mal wc Cement/m Not classif mal wc Brick/ston Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GOBAN WEBER FRANCE) Gramic glazed tile, 20. Ingrinz (One Clock LC A). Ingrinz (One	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GOBAN WEBER FRANCE) Ceramic glazed sile, 20. Inglim2 (One Click LCA) Mal paint for femioiror use, 1552 kg/m3, Alpha unideor BL maint, Alpha unideor BL maint, Alpha unideor BL salin, Alphacy Merpha, Alphacy Perlino, Alphacy France, Alphacy France, Alphacy Perlino, Alphacy France, F	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAN WEBER PRANCE) GOBAN WEBER PRANCE) Coramic glazact lile. 20 Coramic glazact lile. 20 Coramic glazact lile. 20 Visit jarits for interior use. 15 1552 kg/m3. Alpha unideoro El. salin, Alpha unideoro El. salin, Alpha unideoro El. salin, Alpha unideoro El. salin, Alpharay Perlino. Alpharay Perlino. Alpharay Perlino. Alpharay Perlino. Alpharay Perlino. Alpharay Perlino. Alphara Rezisto Mat. Alphara Rezisto Mat. Alpharay Fledond, Alphara Rezisto Anth Marcia Alpharay Fledond, Alphara Salino, Alpharay Perlino. Alphara S. Projectics. Alpharat S. F. Alpharat S. F. Alpharat S. F. Alpharat S. F. Alpharat S. Alpharat	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAIN WEBER FRANCE) GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall partis for interior use, 0. 16 mm, 0.268 kg/m². Unit partis for interior use, 10. 16 mm, 0.268 kg/m². Janunideor BL. maint, Alpha unideor BL. saint, Alpha unideor BL. saint, Alpha red Saint, Alpha Rezisto Easy Clean, Alpha Rezisto Kati Marks, Alpha Rezisto Mati Mati Marks, Alpha Rezisto Mati Mati Mati Mati Mati Mati Mati Mati	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAIN WEBER FRANCE) GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall partis for interior use, 0. 16 mm, 0.268 kg/m². Unit partis for interior use, 10. 16 mm, 0.268 kg/m². Janunideor BL. maint, Alpha unideor BL. saint, Alpha unideor BL. saint, Alpha red Saint, Alpha Rezisto Easy Clean, Alpha Rezisto Kati Marks, Alpha Rezisto Mati Mati Marks, Alpha Rezisto Mati Mati Mati Mati Mati Mati Mati Mati	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAIN WEBER FRANCE) GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall partis for interior use, 0. 18 mm, 0. 268 kg/m². United partis for interior use, 10 mm, 0. 268 kg/m². Junideor BL. maid, Alpha unideor BL. sain, Alpha Partis Maria, Alpharayi Perlino, Alpharayi Perlino, Alpharayi Perlino, Alpharayi Perlino, Alphara Rezisto Easy Clean, Alphara Rezisto Arti Maria, Alphara Rezisto Arti Maria, Alphara Rezisto Mati Maria, Alphara Rezisto Arti Maria, Alphara Frei	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4560 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	es FDES	P7 P2
A5	weberod pro (SAINT GOBAN WEBER PRANCE) GORAIN WEBER PRANCE) Germine (galaced tile 20 Jagma* (Ore to extra the control of the	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte	mal w; Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	os FDES If One Click ox EPD Sikke	P7 P2 P7
A5	weberod pro (SAINT GOBAIN WEBER FRANCE) GOBAIN WEBER FRANCE) Ceramic glazed tile, 20 kg/m² (One Click LCA) Wall partis for interior use, 0. 16 mm, 0.268 kg/m². Usal partis for interior use, 10 mm, 0.268 kg/m². Judiceo El. main, 4, apha unideoor El. sain, 4, apha unideoor El. sain, 4, apha unideoor El. sain, 4, apha parcis horizon, 4, apha Parcis Maria, 4, apha Rezis to Easy Clean, 4, apha Rezis to Maria, 4, apha Rezis Maria,	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte	mal w. Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	os FDES If One Click ox EPD Sikke	P7 P2
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GORAIN WEBER FRANCE) GORAIN GOBAL WEBER FRANCE) GORAIN GOBAL GO	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte	mal w; Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	os FDES If One Click ox EPD Sikke	P7 P2 P7
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GORAIN WEBER FRANCE) GORAIN GOBAL WEBER FRANCE) GORAIN GOBAL GO	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte	mal w; Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	os FDES If One Click ox EPD Sikke	P7 P2 P7
A5	weberod pro (SAINT GOBAN WEBER FRANCE) GORAIN WEBER FRANCE) Germine glauzed tille 20 Jagnin (One Clotk LCA) Margin (One Clotk LCA) Margin (One Clotk LCA) Margin (One Clotk LCA) Margin (Margin	2280 2280 5637.041	m2 m2	1482 4560 563.7	806.88 2015.48					806.8 2015.4	3 1482 Inte 3 4500 Inte 3 6042	mal w; Cement/m Not classif	30 Ceramic ti Tile adhe 30 Ceramic ti Wall and	os FDES If One Click ox EPD Sikke	P7 P2 P7

D2	Ceramic glazed tile, 20 kg/m2 (One Click LCA)	220	0 m2									Internal wa Brick/stone Not classif	30 Ceramic ti Wall and f One Click	P2
В3	Wall paints for interior use,		10 m2		U					0		internal Wa Brick/stoni Not classif	30 Ceramic ti waii and i One Click	P2
	0.16 mm, 0.249 kg/m2,	-,												
	1552 kg/m3, Alpha													
	unidecor BL mat, Alpha													
	unidecor BL satin,													
	Alphacryl Morpha, Alphacryl Perlino,													
	Alphacryl Perino, Alphacryl Pure Mat SF,													
	Alpha Rezisto Easy Clean,	,												
	Alpha Rezisto Mat, Alpha													
	Rezisto Anti Marks, Alphacryl Plafond, Alpha													
	Alphacryl Plafond, Alpha													
	Cover Mat, Alpha													
	Projecttex, Alphamat SF,													
	Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF,													
	Alpha Sanocryl, Alpha													
	Sanoprotex, Alpha Tex													
	Schimmelwerend, Alpha													
	Isolux SF / Isolux SF		.											
B3	(AkzoNobel)	5637.04	1 kg		0					0		Internal wa Landfilling Not classif	15 Interior pai Paints, coi EPD Sikke	P7
В3	Polyethylene waterproofing											Not classi		
	film, 0.135 kg/m2, Film	y												
	d'étanchéité en													
	polyéthylène pour dalle (DONNEE													
1	(DONNEE													
1	ENVIRONNEMENTALE													
D/	GENERIQUE PAR DEFAUT)	200	0 m2	1911.	2					1911.2		Internal wa Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD_F	P7
D4	Tile adhesive, 5 kg/m2,	228	IIIZ	1911	-	 		+ + + + + + + + + + + + + + + + + + + +		 1911.2		mornal We Flastic-Dat NOt Classif	30 Gerannic ii Frastic me MDEGD_t	P/
I	webercol pro (SAINT													
I	webercol pro (SAINT GOBAIN WEBER													
B4	FRANCE)	228	0 m2	6206.7	3					6206.73	11400	Internal wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES	P7
	Ceramic glazed tile, 20													
B4	kg/m2 (One Click LCA)	228	0 m2	20154.8	3					 20154.83	45600	Internal wa Brick/stone Not classif	30 Ceramic ti Wall and f One Click	P2
1	Wall paints for interior use,	Э,												
	0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha													
	unidecor BL mat, Alpha													
	unidecor BL satin,													
	Alphacryl Morpha,													
	Alphacryl Perlino,													
	Alphacryl Pure Mat SF,													
	Alpha Rezisto Easy Clean.	1,												
	Alpha Rezisto Mat, Alpha													
	Rezisto Anti Marks, Alphacryl Plafond, Alpha													
	Court Mat Alpha													
	Cover Mat. Alpha													
	Cover Mat, Alpha Projecttex, Alphamat SF.													
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex													
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha													
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex													
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend. Alpha													
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF	5637 04	:1 kg	44124.5	9					4.417.4 RQ		Internal w. I. andfillion Not classif	15. Interior naj Painte on EPN Sikku	P7
	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend. Alpha	5637.04	1 kg	44124.8 72397.6	9					44124.89 72397.66	57000	Internal w. Landfilling Not classif	15 Interior pai Paints, coi EPD Sikkii	P7
B4 B4	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF (AkzoNobel)		:1 kg	44124.8 72397.6	9					44124.69 72397.66	57000	Internal w. Landfilling Not classif Not classi	15 Interior pai Paints, co. EPD Sikks	P7
B4 B4	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sancoryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF (AkzoNobel) Polyethylene waterproofing		i1 kg	44124.8 72397.6	9					44124.89 72397.66	57000	Internal w Landfilling Not classif Not classi	15 Interior pai Paints, coi EPD Sikke	P7
B4 B4	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanccryl, Alpha Sancprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (AlzoNobel) Polyethylene waterproofing film, 0.135 kg/m2, Film of étanchéité en		i1 kg	44124.8 72397.6	9					44124.89 72397.66	57000	Internal wε Landfilling Not classif Not classi	15 Interior pai Paints, coi EPD Siliku	P7
B4 B4	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sancoryl, Alpha Sancorotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF (AkzoNobel) Polyethylene waterproofing film, 0.135 kg/m2, Film d étanchéité en polyéthylene pour dalle polyéthylene pour dalle		:1 kg	44124.8 72397.6	9 66					44124.89 72397.66	57000	Internal w Landfilling Not classif Not classi	15 Interior pai Paints, coi EPD Silike	P7
B4 B4	Cover Mat, Alpha Prigecttex, Alphamat SF, Alphatex SF, Alphatex SF, Alphatex SF, Alpha Tex Anyri, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (Alzendobed) Polyethylene waterproofing film, 0.135 kg/m2, Film of 4tanchétie on polyethylene pour daile (DONNEE		i1 kg	44124.8 72397.8	9 6					44124.89 72397.66	57000	Internal w: Landfilling Not classif Not classi	15 Interior pai Paints, col EPD Slikke	P7
B4 B4	Cover Mat, Alpha Prigecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sancoryl, Alpha Sancoryl, Alpha Sancoryl, Alpha Sancoryl, Alpha Sancoryl, Alpha Sancoryl, Alpha Schimmelwerend, Alpha Isolux SF Isolux SF (Akcxolboel) Polyethylene waterproofing drétanchètité en polyethylene pour dalle (DONNEE ENVIRONNEMENTALE		i1 kg	44124.8 72397.6	9 6 6					44124.89 72397.86	57000	Internal w. Landfilling Not classif Not classi	15 Interior pai Paints, co. EPD Sikks	P7
B4 B4	Cover Mat, Alpha Priojecties, Alphamat SF, Alphamat Sianoprotex, Alphama	g		44124.8 72397.6	9 6 6					44124.89 72397.66	57000	Not classi		P7
B4 B4	Cover Mat, Alpha Priopettes, Alphamat SF, Alphamat Sengorotex, Alphamat Sengorote	g	11 kg	44124.8 72397.8	9 6 6					44124.69 72397.66	57000	Internal w _k Landfilling Not classif Not classi	15 Interior pai Paints, co. EPD Sikke 30 Ceramic ti Plastic me MDEGD_1	
B4 B4	Cover Mat, Alpha Mat, Phripotettes, Alphamat SF, Semponder, Alphamat Semponder, Al	g		44124.8 72397.6	9 6 6					44124.89 72397.66	57000	Not classi		
B4 B4	Cover Mat, Alpha Priojecties, Alphamat SF, A	228	0 m2	44124.8 72397.6	9 6 6					44124.89 72397.66	57000	Not classi Internal w/ Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD f	P7
B4 B4 B5	Cover Mat, Alpha Mat, Phrigottes, Alphamat SF, Inclux SF (Alcandated SF) Inclux SF (Inclux SF) Inclux SF (Inclux SF) Inclux SF (Inclux SF) Inclux SF (Inclux SF) Inclumation SF (Inclux SF) Inclumation SF (Inclumation SF) Inclumation SF (Inclumental SF) Inclumation SF (Inclumental SF) Inclumental SF (Inc	228		44124.8 72397.8	9 6 0					44124.89 72397.66	57000	Not classi		
B4 B4 B5 B5	Cover Mat, Alpha (Mat, Mat)), Alpha (Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat,	228	i0 m2	44124.8 72397.6	0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha (Mat, Mat)), Alpha (Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat,	228	0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classi Internal w/ Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD f	P7
B4 B4 B5 B5	Cover Mat, Alpha (Mat, Mat)), Alpha (Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat,	228	i0 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha (Mat, Alpha (Mat, Alpha (Mat, Alpha (Mat, Alpha (Mat, Mat))), Alpha (Mat, Mat), Alpha (Mat, Mat), Alpha (Mat, Mat), Alpha (Mat), Al	228	i0 m2	0	9 6 6					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha (Mat, Mat, Alpha (Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat,	228	i0 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alpha Ses	228	i0 m2	0	9 6 6					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Priopettes, Alphamat SF, Alphamat Senders, Alphamat Senders, SF, Alphamat Senders, SF, Alphamat Senders, SF, Alphamat Senders, SF, Alphamat SF,	228	i0 m2	0	0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Mat, Phripecties, Alphamat SF, Isoliux SF (Alcandated SF) Isoliux SF (Isoliux SF) Isol	228	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Text Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat	228 228 228	i0 m2	0	0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Mat, Phripecters, Alphamat SF, Isoliux SF (Alcababet) Polyethylene waterproofing film, 0.135 kg/m2, Film of étanchéite of en polyethylene pour daller (DONNEE ENVIRONNEMENTAL EDENTAL SE	228 228 228	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5	Cover Mat, Alpha (Mat, Mat, Mat, Mat, Mat, Mat, Mat, Mat,	228 228 228	i0 m2	0	0 0 0 0 0					44124 89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alphatex SF,	228 228 228	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5	Cover Mat, Alpha Text Aphanant SF, Alphanat SF, Isolux SF (Lakzokkoel) Polyethylene waterproofing the state of the state o	228 228 228	i0 m2	0	0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sea, Anyi, Alpha Humitex SF, Alpha Sea, Alphamat SF, Alpha Sea, Alphamat SF, Alpha Sea, Alphamat SF, Isolaux SF (Isolaux SF (Is	228 228 228	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5	Cover Mat, Alpha Teyricettes, Alphanard SF, Sanoprotex, Alphanard SF, Sanoprotex, Alphanard SF, Isolux SF (IdkzoNdoel) Polyethylene waterproofing film, 0, 135 legim 2, Film Polyethylene waterproofing film, 0, 135 legim 2, Film Polyethylene polyethylene polyethylene pour daile (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT) Title adhesive, 6 kg/m² 2, Conganard SP, Alphanard SF, RANCE (Ceramic glazed tile, 20 kg/m² 2, Conganard SP, Alphanard SF, Alp	228 228 228 3,	i0 m2	0	0 0 0 0 0					44124 89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sea, Anyi, Alpha Humitex SF, Alpha Sea, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sea, Sea, Sea, Sea, Sea, Sea, Schimmelwerend, Alpha Isokux SF / Isokux SF (Akzokobe) Polyethylene waterproofing film, 0.135 kg/m2, Film of etan-chiefe polyethylene pour dalle (DAVIRFONIMENTALE GENERIOUE PAR DEFAUT) Tile adhesive, 5 kg/m2, Webercol pro (SAINT GOBAIN WEBER FRANCE) TRANCE) Ural Sea, Sea, Sea, Sea, Sea, Sea, Sea, Sea,	228 228 228 3,	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.86	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5	Cover Mat, Alpha Teyricettes, Alphanard SF, Sanoprotex, Alphanard SF, Sanoprotex, Alphanard SF, Isolux SF (IdkzoNdoel) Polyethylene waterproofing film, 0, 135 legim 2, Film Polyethylene waterproofing film, 0, 135 legim 2, Film Polyethylene polyethylene polyethylene pour daile (DONNEE ENVIRONNEMENTALE GENERIQUE PAR DEFAUT) Title adhesive, 6 kg/m² 2, Conganard SP, Alphanard SF, RANCE (Ceramic glazed tile, 20 kg/m² 2, Conganard SP, Alphanard SF, Alp	228 228 228 3,	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Sanoprotex, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (AlzoNobel) Polyvethylene waterproofing film, 0.136 kg/m2, Film d'etanchétie of Senvironnement de EENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Tille adhesive, 5 kg/m2, weberced pro (SAINT GOBAN WEBER FERNANCE SENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Alpha Cary Alpha Evalsio Casy, Clean, Alpha Cary Alpha Rezisto Easy, Clean, Alpha Rezisto, Alpha Rezis	228 228 228 3,	i0 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.86	57000	Not classii Internal w Plastic-ba Not classiii Internal w Cement/m Not classiii	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Applatex SF, Alpha Tex Applatex SF, Alpha Tex Applatex SF, Alpha Tex Sampordex, Alpha Ser	228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0					44124.89 72397.66	57000	Internal w Plastic-ba Not classif Internal w Cement/m Not classif Internal w Brick/ston Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Sanoprotex, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (AlzoNobel) Polyvethylene waterproofing film, 0.136 kg/m2, Film d'etanchétie of Senvironnement de EENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Tille adhesive, 5 kg/m2, weberced pro (SAINT GOBAN WEBER FERNANCE SENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Alpha Cary Alpha Evalsio Casy, Clean, Alpha Cary Alpha Rezisto Easy, Clean, Alpha Rezisto, Alpha Rezis	228 228 228 3,	10 m2 10 m2 10 m2	0	9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.86	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile ashes FDES	P7
B4 B4 B5 B5 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alphat Tex Anyl, Alpha Humitex SF, Alphatex SF, Alphat Tex Anyl, Alpha Humitex SF, Alphatex S	228 228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Internal w Plastic-ba Not classif Internal w Cement/m Not classif Internal w Brick/ston Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sea, Anyi, Alpha Humitex SF, Alpha Sea, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sea, Alpha Tex Schimmelwerend, Alpha Isakus SF / Isakus SF (Isakus	228 228 228	10 m2 10 m2 10 m2	0	9 9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.86	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Texmitex SF, Alphatex SF, Alpha Tex Acryl, Alpha Texmitex SF, Sanoprotex, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF (AlczoNobel) Polyethylene waterproofing film, 0.135 kg/m2, Film Polyethylene waterproofing film, 0.135 kg/m2, Film Polyethylene pour dalle (DONNEE ENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Tile adhesive, 5 kg/m2, weebercol pro (SAINT Tile adhesive, 5 kg/m2, weebercol pro (SAINT Tile adhesive, 5 kg/m2, weebercol pro (SAINT SES kg/m3, Alpha unidecor BL mat, Alpha Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino Schimmelwerend, Alpha Sanoprotex, Alpha Tex Acryl, Alpha Sanoprotex, Alpha Sanoprotex, Alpha Tex Acryl, Alpha Sanoprotex, Alpha Tex Acryl, Alpha Sanoprotex, Alpha Sanoprotex, Alpha Sanoprotex, Alpha Tex Acryl, Alpha Sanoprotex, Alpha Sanoprotex	228 228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Anyi, Alpha Humitex SF, Alpha Sesson, Alpha Sesso	228 228 228	10 m2 10 m2 10 m2	0	9 9 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphaanta SF, Alphatex SF, Alpha Tex, Sanoprotex, Alpha Tex, Schimmelwerend, Alpha Isokus SF / Isokus SF (AkzoNcbe) Polyethylene vesterproofing interest of the Alphatex SF, Alpha Tex, Alphatex SF, Alphatex SF, Alpha Tex, Alphatex SF, Alphatex SF, Alpha Tex, Alphatex SF, Alphatex SF, Alpha Tex,	228 228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Sanoprotex, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (Aczolkobe) Polyvethylene waterproofing film, 0.136 kg/m2, Film d'etanchétie of d'etanchétie of d'etanchétie of ENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Tille adhesive, 5 kg/m2, webercol pro (SAINT GOBAN WEBER FRANCE) DEFAUT) Well paints for interior use, 0.16 mm, 0.249 kg/m2, webercol pro (SAINT GOBAN WEBER FRANCE) SISSE kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Pure Mat SF, Alphatox SF, A	228 228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2
B4 B4 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex, Aryl, Asha Humalos F, Aryl, Asha Humalos F, Aryl, Asha Humalos F, Aryl, Asha Humalos F, Sanoprotex, Alpha Tex, Sanoprotex, Alpha Tex, Schimmetwerend, Alpha Isokus SF / Isokus SF (AkzoNobe) Polyethylene waterproofing film, Jul 35 leg/m2, Film Polyethylene waterproofing film, Jul 35 leg/m2, Film Polyethylene waterproofing film, Jul 35 leg/m2, Film Polyethylene pour daile (DONNEE ENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Title adhesive S (Alpha EGNERIOUE PAR DEFAUT) Coramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Coramic glazed tile, 20 kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, Alphacy Perlino, Alphacy Alpha Tex, Acryl, Alpha Humitex SF, Alpha Sanoprotex, Alpha Tex, Acryl, Alpha Humitex SF, Alpha Server, Alpha Tex, Acryl, Alpha T	228 228 228	10 m2 10 m2 10 m2	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					44124.89 72397.66	57000	Internal w Plastic-ba Not classif Internal w Cementim Not classif Internal w Brick/ston Not classif	30 Ceramic ti Plastic me MDEGD ; 30 Ceramic ti Tile achee FDES 30 Ceramic ti Wall and fi One Click	P7 P2 P7
B5 B5 B5 B5 B5	Cover Mat, Alpha Projecttex, Alphamat SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Alphatox SF, Alpha Tex Acryl, Alpha Humitex SF, Sanoprotex, Alpha Tex Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isoliux SF / Isoliux SF (Aczolkobe) Polyvethylene waterproofing film, 0.136 kg/m2, Film d'etanchétie of d'etanchétie of d'etanchétie of ENVIRONNEMENTALE GENERIOUE PAR DEFAUT) Tille adhesive, 5 kg/m2, webercol pro (SAINT GOBAN WEBER FRANCE) DEFAUT) Well paints for interior use, 0.16 mm, 0.249 kg/m2, webercol pro (SAINT GOBAN WEBER FRANCE) SISSE kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Pure Mat SF, Alphatox SF, A	228 228 228	10 m2 10 m2 10 m2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					0 0 0 0	57000	Not classif	30 Ceramic ti Plastic me MDEGD f 30 Ceramic ti Tile aches FDES 30 Ceramic ti Wall and f One Click	P7 P2 P7

	Tile adherive 5 kg/m2									
	Tile adhesive, 5 kg/m2, webercol pro (SAINT									
C2	GOBAIN WEBER FRANCE)	2280 m2	33.36				33.36	Internal wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES Dumper tn	P7
02	Ceramic glazed tile, 20									
<u>C2</u>	kg/m2 (One Click LCA) Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perino, Alphacryl Pure Mat SF,	2280 m2	133.43				133.43	Internal w/ Brick/ston Not classif	30 Ceramic til Wall and f One Click. Dumper tri	P2
	Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Anti Marks, Alphacryl Pielfond, Alpha Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humitex SF, Alpha Sanocryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF i Visolux SF									
C2 C2	(AkzoNobel)	5637.041 kg	16.49				16.49	Internal we Landfilling Not classif	15 Interior pai Paints, cor EPD Sikke Dumper tr	P7
	Polyethylene waterproofing film, 0.135 kg/m2, Film d'étanchéité en polyéthylène pour dalle (DONNEE ENVIRONNEMENTALE GENERIQUE PAR		184.47				184.47	Not classi		
C3	DEFAUT) Tile adhesive, 5 kg/m2, webercol pro (SAINT	2280 m2	635.72				635.72	Internal w Plastic-ba Not classif	30 Ceramic ti Plastic me MDEGD F	P7
СЗ	GOBAIN WEBER FRANCE)	2280 m2	3.94				3.94	Internal wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES	P7
СЗ	Ceramic glazed tile, 20 kg/m2 (One Click LCA)	2280 m2	15.77				15.77	Internal wa Brick/stoni Not classif	30 Ceramic ti Wall and f One Click	P2
C3	Wall paints for interior use, 0.16 mm, 0.249 kg/m2, 1552 kg/m3, Alpha unidecor BL mat, Alpha	2280 m2	15.77				15.77	Internal w Brick/ston Not classif	30 Ceramic ti Wali and I One Click	P2
C3	unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Exercise Easy Clean, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Anti Marts, Alphacryl Exercise Alphacryl Exercise Alphacryl Alpha Crew Alphacryl, Alpha Tex Acryl, Alpha Humitlex SF, Alpha Sanoprotex, Alpha Tex Acryl, Alpha Tex Acryl, Alpha Tex Acryl, Alpha Sanoprotex, Alpha Tex Schimmelwerend, Alpha Isolux SF / Isolux SF (AlzcaNobes)	5637.041 kg	0				0	Internal we Landfilling, Not classif	15 Interior pai Paints, coi EPD Sikkii	P7
C3			655.44				655.44	Not classi		
	Wall paints for interior use, 0.16 mm, 2.04 kg/m2, 1552 kg/m3, Alpha unidecor BL and, Alpha unidecor BL and, Alpha unidecor BL stin, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alpha Rodisto Mat, Alpha Rodisto Mat, Alpha Rodisto Mat, Alpha Rodisto Mat, Alpha Projecttex, Alphacyl Pielond, Alpha Forjecttex, Alphacyl, Alpha Sanoprotex, Alpha Tex, Alpha Sanoprotex, Alpha Tex, Schimmelwerend, Alpha Tex, Schim									
C4	Isolux SF / Isolux SF (AkzoNobel)	5637.041 kg	14.66				14.66	Internal wa Landfilling Not classif	15 Interior pai Paints, co EPD Sikke Inert mate	P7
	Polyethylene waterproofing film, 0.135 kg/m2, Film d'étanchéité en polyéthylène pour dalle (DONNEE ENVIRONNEMENTALE		14.30					SAN VINEAGO	,, oo al 9 June, not 1866	
D	GENERIQUE PAR DEFAUT)	2280 m2	-967.73				-967.73	Internal wa Plastic-bas Not classif	30 Ceramic ti Plastic me MDEGD F	P7
	Tile adhesive, 5 kg/m2, webercol pro (SAINT GOBAIN WEBER		220					7000		
D	FRANCE) Ceramic glazed tile, 20	2280 m2	-381.01				-381.01	Internal wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES	P7
D	kg/m2 (One Click LCA)	2280 m2	-375.93				-375.93	Internal wa Brick/ston Not classif	30 Ceramic ti Wall and f One Click	P2
0								Not classi		

F											
	Polyethylene waterproofing										
f	film, 0.135 kg/m2, Film										
	d'étanchéité en										
F	polyéthylène pour dalle										
9	(DONNEE										
1 5	ENVIRONNEMENTALE GENERIQUE PAR										
TOTAL	DEENLIT)	2280	m2 4013.5				4013.52	Internal	wa Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD F	P7
TOTAL	Tile adhesive, 5 kg/m2,	2280	m2 4013.5	2			4013.52	internal	Wi Plastic-bai Not classif	30 Ceramic ti Plastic me MDEGD F	P/
	webercol pro (SAINT										
	GOBAIN WEBER										
TOTAL F	FRANCE)	2280	m2 13220.3	4			13220.34	Internal	wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES	P7
	Ceramic glazed tile, 20										
TOTAL F	kg/m2 (One Click LCA)	2280	m2 42325.1	5			42325.15	Internal	wa Brick/stone Not classif	30 Ceramic ti Wall and f One Click	P2
١ ١	Wall paints for interior use,										
(0.16 mm, 0.249 kg/m2,										
1	1552 kg/m3, Alpha										
l l	unidecor BL mat, Alpha										
l l	unidecor BL satin,										
1 /	Alphacryl Morpha,										
	Alphacryl Perlino,										
1 15	Alphacryl Pure Mat SF,										
1 /	Alpha Rezisto Easy Clean,										
	Alpha Rezisto Mat, Alpha Rezisto Anti Marks,										
	Alphacryl Plafond, Alpha										
	Cover Mat, Alpha										
	Projecttex, Alphamat SF,										
	Alphatex SF, Alpha Tex										
1 12	Acryl, Alpha Humitex SF,										
	Alpha Sanocryl, Alpha										
1	Sanoprotex, Alpha Tex										
	Schimmelwerend, Alpha										
I li	Isolux SF / Isolux SF										
TOTAL (5637.041	kg 60304.0	2			60304.02	Internal	wa Landfilling Not classif	15 Interior pai Paints, coi EPD Sikke	P7
TOTAL			-						Not classi		
F	Polyethylene waterproofing										
f	film, 0.135 kg/m2, Film										
	d'étanchéité en										
F	polyéthylène pour dalle										
	(DONNEE										
E	ENVIRONNEMENTALE										
	GENERIQUE PAR										
DioC [DEFAUT)	2280	m2	0			0	Internal	wa Plastic-bar Not classif	30 Ceramic ti Plastic me MDEGD F	P7
	Tile adhesive, 5 kg/m2,										
1	webercol pro (SAINT GOBAIN WEBER										
	FRANCE)	2280	m2	0			0	Internal	wa Cement/m Not classif	30 Ceramic ti Tile adhes FDES	P7
	Ceramic glazed tile, 20	2200	IIIZ	0			0	intornal	we cerrenom Not classii	30 Ceramic ti file adries i DE3	
bioC F	kg/m2 (One Click LCA)	2280									
)	Wall paints for interior use,		m2	0			0	Internal		30 Ceramic ti Wall and f One Click	P2
	0.16 mm, 0.249 kg/m2,	LLOU	m2	0			0	Internal	wa Brick/ston Not classif	30 Ceramic ti Wall and f One Click	P2
		LLOU	m2	0			0	Internal	wa Brick/stoni Not classif	30 Ceramic ti Wall and f One Click	P2
		2200	m2	0			0	Internal	wa Brick/stoni Not classif	30 Ceramic ti Wall and f One Click	P2
	1552 kg/m3, Alpha	2200	m2	0			0	Internal	wa Brick/stoni Not classif	30 Ceramic ti Wall and f One Click	P2
i i	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin,	2200	m2	0			0	Internal	w: Brick/ston Not classif	30 Ceramic ti Wall and f One Click	P2
i.	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha,	2250	m2	0			0	Internal	wa Brick/stoni Not classif	30 Ceramic tij Wall and f One Click	P2
,	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino,	2250	m2	0			0	Internal	w: Brick/stom Not classif	30 Ceramic ti Wall and f One Click	P2
,	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF,		m2	0			0	Internal	we Brick/stoni Not classif	30 Ceramic til Wall and fl One Click	P2
,	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean,		m2	0			0	Internal	w. Brick/ston/ Not classif	30 Ceramic til Wall and If One Click	P2
,	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha		m2	0			0	Internal	w. Brick/ston/ Not classif	30 Ceramic ti Wall and I One Click	P2
i i	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Mit, Alpha Rezisto Mit Marks,		m2	0			0	Internal	ws. Brick/ston: Not classifi	30 Ceramic til Wall and If One Click	P2
i i	1552 kg/m3, Alpha unideor BL mat, Alpha unideor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Anti Marks, Alphacryl Plafond, Alpha		m2	0			0	Internal	w. Brick/ston Not classif	30 Ceramic til Wall and if One Click	P2
i i	1552 kg/m3, Alpha unidecor Bt. mat, Alpha unidecor Bt. satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Pure Mat SF, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Anti Marks, Alphacryl Plafond, Alpha Cover Mat, Alpha		m2	0			0	Internal	w, Brick/ston Not classiff	30 Ceramic til Wall and If One Click	P2
, , , , , , , , , , , , , , , , , , ,	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Anti Marks, Alphacryl Belford, Alpha Cover Mat, Alpha Cover Mat, Alpha Projecttex, Alphamat SF,		m2	0			0	internal	w. Brick/ston Not classiff	30 Ceramic til Wall and if One Click	P2
L J J J	1552 kg/m3, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Mat, Alpha Rezisto Anti Marks, Alphacyl Plafond, Alpha Cover Mat, Alpha Projecttex, Alphama SF, Alphatex SF, Alpha Tex Alphatex SF, Alpha Tex		m2	0			0	Internal	w. Brick/ston Not classiff	30 Ceramic til Wall and if One Click	P2
E G	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL satin, Alphacyl Mcpha, Alphacyl Mcpha, Alphacyl Perlino, Alphacyl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto Mat, Alpha Rezisto Mat, Alpha Cover Mat, Alpha Projecttex, Alphamat SF, Alphatex SF, Alpha Tex Acryl, Alpha Humiltex SF,		m2	0			0	Internal	w, Brick/ston Not classiff	30 Ceramic til Wall and if One Click	P2
F	1552 kg/m3, Alpha unideor BL and, Alpha unideor BL salin, Alphary Morpha, Alphary Morpha, Alphary Perlin, Alphary Perlin, Alphary Pure Mat SF, Alpha Rezisto Easy Clean, Alpha Rezisto Easy Clean, Alpha Rezisto Anti Marksh, Alphary Pieldrod, Alpha Rezisto, Alphary Pieldrod, Alpha Projecttex, Alphary Flatent, Alphary Bryahat SF, Alphary SF, Alphary SF, Alphary SF, Alphary SF, Alphary Alpha Tex, Alpha Sancory, Alpha Senory, Alpha Senory		m2	0			0	Internal	w, Brick/ston Not classif	30 Ceramic til Wall and If One Click	P2
, , , , , , , , , , , , , , , , , , ,	1552 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat, Alpha unideoro BL satin, Alphacry Morpha, Alphacry Perlino, Alphacry Perlino, Alphacry Perlino, Alphacry Perlino, Alphacry Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto, Anti Marks, Alphacry Pladon, Alpha Cover Mat, Alpha Perjecttex, Alpha Perjecttex, Alpha Perjecttex, Alpha Perjecttex, Alpha Perjecttex, Alpha Person, Alpha Sanocry, Alpha Pax Sanoprotex, Alpha Tex		m2	0			0	Internal	w. Brick/ston Not classiff	30 Ceramic til Wall and if One Click	P2
	1552 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat Alpha unideoro BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Alphacyl Perlino, Alpha Rezisto Bay, Clean, Alpha Rezisto Mat, Alpha Rezisto Mat, Alpha Rezisto Mat, Alphacyl Palford, Alphacyl Palford, Alphacyl Palphat Ser, Alpha Bay, Alpha		m2	0			0	Internal	w, Brick/ston Not classif	30 Ceramic til Wall and If One Click	P2
F 10 F 11 S S S	1552 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat, Alpha unideoro BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto, Antil Marks, Alphacryl Piadnod, Alpha Cover Mat, Alpham Cover Mat, Alpham Frejecttex, Alphamat SF, Alphatox SF, Alphatox SF, Alphatox SF, Alpha Tex, Acryl, Alpha Humitex SF, Alpha Sancorytox, Alpha Tex Schimmelwerend, Alpha Schimmelwerend, Alpha Sclotux SF I Solux SF			0			0				
F 4 4 5 5 5 1	1552 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat, Alpha unideoro BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto, Antil Marks, Alphacryl Piadnod, Alpha Cover Mat, Alpham Cover Mat, Alpham Frejecttex, Alphamat SF, Alphatox SF, Alphatox SF, Alphatox SF, Alpha Tex, Acryl, Alpha Humitex SF, Alpha Sancorytox, Alpha Tex Schimmelwerend, Alpha Schimmelwerend, Alpha Sclotux SF I Solux SF		kg	0			0	Internal	wr. Landfilling. Not classif	30 Ceramic ti Wall and if One Click 15 Interior pai Paints, co EPD Sitife.	P2
F 4 4 5 5 5 1	1552 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat, Alpha unideoro BL satin, Alphacryl Morpha, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alphacryl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Mat, Alpha Rezisto, Antil Marks, Alphacryl Piadnod, Alpha Cover Mat, Alpham Cover Mat, Alpham Frejecttex, Alphamat SF, Alphatox SF, Alphatox SF, Alphatox SF, Alpha Tex, Acryl, Alpha Humitex SF, Alpha Sancorytox, Alpha Tex Schimmelwerend, Alpha Schimmelwerend, Alpha Sclotux SF I Solux SF		kg	0			0	Internal	wr. Landfilling Not classif Not classi		
bioC (bioC	1562 kg/m3, Alpha unideoro BL mat, Alpha unideoro BL mat Alpha unideoro BL satin, Alpha unideoro BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Beczisto Acti Mac, Alphacyl Piafond, Alpha Cover Mat, Alpha Tex, Alphacyl Piafond, Alpha Cover Mat, Alpha Tex, Acryl, Alpha Tex, Acryl, Alpha Tex, Acryl, Alpha Tex, Schrimmelwerend, Alpha Isolaus, SF / Isolux SF (Alzcavlobels)			0			0 119853		wr. Landfilling. Not classif		
bioC (bioC	1552 kg/m3, Alpha unidecor BL mart, Alpha unidecor BL mart, Alpha unidecor BL satin, Alpha unidecor BL satin, Alpha and Martin BL martin	5637.041	kg	0			0 0 119853	Internal	wr. Landfilling Not classif Not classi		
bioC bioC	1552 kg/m3, Alpha unidecor BL mad, Alpha unidecor BL mad, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alpha Chesto Met, Alpha Alphacyl Plafond, Alpha Cover Mat, Alpha Projecttex, Alpha Humitex SF, Alpha Sanocyrtex, Alpha Sanocyrtex, Alpha Sanocyrtex, Alpha Tex, Schimmelwerend, Alpha Isolux SF (Alexanobes) Average site impacts - temperate climate (South),	5637.041	kg 69581.33 11986					Internal 120042	w: Landfilling Not classif Not classi Not classi	15 Interior pai Paints, co: EPD Sikke	
bioC bioC	1552 kg/m3, Alpha unidecor BL mart, Alpha unidecor BL mart, Alpha unidecor BL satin, Alpha unidecor BL satin, Alpha and Martin BL martin	5637.041	kg 69581.33 11986				0 0 119863	Internal	w: Landfilling Not classif Not classi Not classi		
bioC (bioC	1552 kg/m3, Alpha unidecor BL mad, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphacyl Morpha, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alpha Rozisto Budi, Alpha Alpha Rozisto Budi, Alpha Alpha Rozisto Budi, Alpha Alpha Rozisto Mat, Alpha Alpha Rozisto Mat, Alpha Projecttex, Alpha Tex, Alpha Sanocryto, Alpha Sanocryto, Alpha Sanocryto, Alpha Sanocryto, Alpha Solicium SF / Isoliux SF (Alexenbeds) Average site impacts - temperate climate (South), EU electricity mix, 2024	5637.041	kg 69581.33 11986					Internal 120042	w: Landfilling Not classif Not classi Not classi	15 Interior pai Paints, co: EPD Sikke	
bioC (bioC	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL mat, Alpha unidecor BL satin, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphardy Merpha, Alphardy Perlino, Alphar Royal Perlino, Alphar Rezisto Anti Marcia Marcia Alphar Rezisto Anti Marcia Alphar Rezisto Anti Marcia Alphar Peladond, Alpha Rezisto Anti Marcia Alphar Humitex SF, Alphard Fe, Alphard SF, Al	5637.041	kg 69581.33 11986					Internal 120042	w: Landfilling Not classif Not classi Not classi	15 Interior pai Paints, co: EPD Sikke	
bioC bioC	1552 kg/m3, Alpha unidecor BL mad, Alpha unidecor BL mad, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Bay, Clean, Alpha Rezisto Mad, Alpha Projecttev, Alpha Hamiter, SF, Alpha Fee, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Selmonto, Alpha Sanocryolox, Alpha	5637.041	kg 69581.33 11986 m2 140816.	5			140816.5	Internal 120042 Constru	w: Landfilling Not classif Not classi Not classi Other site	15 Interior pal Paints, cor EPD Silder Other site One Click	
bioC bioC	1552 kg/m3, Alpha unidecor BL mat, Alpha unidecor BL mat, Alpha unidecor BL satin, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphardy Merpha, Alphardy Perlino, Alphar Royal Perlino, Alphar Rezisto Anti Marcia Marcia Alphar Rezisto Anti Marcia Alphar Rezisto Anti Marcia Alphar Peladond, Alpha Rezisto Anti Marcia Alphar Humitex SF, Alphard Fe, Alphard SF, Al	5637.041	kg	5			140816.5	Internal 120042	wr. Landfilling Not classif Not classi Not classi Other site Di Other site	15 Interior pai Paints, co: EPD Sikke	
bioC bioC	1552 kg/m3, Alpha unidecor BL mad, Alpha unidecor BL mad, Alpha unidecor BL satin, Alpha unidecor BL satin, Alphacyl Morpha, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alphacyl Perlino, Alpha Rezisto Easy Clean, Alpha Rezisto Bay, Clean, Alpha Rezisto Mad, Alpha Projecttev, Alpha Hamiter, SF, Alpha Fee, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Sanocryolox, Alpha Selmonto, Alpha Sanocryolox, Alpha	5637.041	kg 69581.33 11986 m2 140816.	5			140816.5	Internal 120042 Constru	w: Landfilling Not classif Not classi Not classi Other site	15 Interior pal Paints, cor EPD Silder Other site One Click	

Appendix B Leti Embodied Carbon Declaration Report

1. Project Input

Project Name	Woolley Colliery Road, Darton, Barnsley
Project Sector	Residential (6+ storeys)
Assessment Date	23.09.24
Assessment By (name)	Rob Waiting
Assessment By (company)	Stroma Built Environment
RIBA Workstage	RIBA Stage 2
GIA (m²)	10,123
Est. Year of Project Completion	17/07/1905
Location of data	-
Project Description (overview of the projects, e.g. building type, number of stories, basement, site conditions, materials, constraints, structural system, servicing strategy):	The development site is located within Darton, Barnsley on land off Woolley Colliery Road. The proposal will consist of the development of 114 dwellings split into 72 dwellings on Site A and 42 dwellings on Site B. There will be a mixture of 2-4 bedroom detached and semi-detached houses, with associated access, landscaping and parking. Whilst the development is low rise housing, the closest benchmark data is for 6+ storey residential use so this has been chosen.
Analysis Method (e.g. software)	Oneclick LCA
Data Notes (other descriptions about the process, omissions, additions, etc. that would help future analysis)	

Residential Houses Low Rise

Project Name Woolley Colliery Road, Darton, Barnsley
Project Sector Residential (6+ storeys)
Assessment Date 23.09.24
Assessment By (name) Rob Waiting
Assessment By (company) Stroma Built Environment
RIBA Workstage RIBA Stage 2

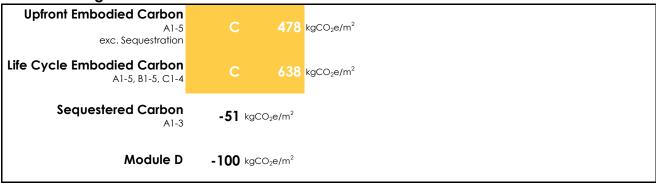
GIA (m²) 10,123 Est. Year of Project Completion 2025

Embodied Carbon per Module per Element (kgCO₂e/m², GIA)

			Emboale	d Carbon p	er module	per cieme	III (KgCO ₂ e	e/m , GIA)	
		A1-3	A1-3 (Sequestered)	A4	A5	B1-3	B4&5	C1-4	D
	Toxic Material Treatment								
Demolition	Major Demolition Works								
	Temporary/ Enabling Works								
Facilitating Works	Specialist Ground works								
Substructure		82.85631705	0	9.460822451	4.839837406		0.40286465	8.3647569	-19.108532
	Frame							0	
	Upper Floors	15.77455598	-22.34890946	0.604095462	2.253566983			22.78413478	-10.267155
	Roof	15.22187309	-17.49637671	0.918467116	1.427550033		4.464103957	19.47151451	-13.311320
Superstructure	Stairs and Ramp	1.613369026	-2.472586285	0.018417725	0.296513029			2.497295375	-1.0847966
Supersitucture	External Walls	182.047896	0	5.727437422	14.54635103		0.831129858	2.257815556	-7.4693917
	Windows and External Doors		0	0.027744631	0		20.34506786	0.018848411	-0.01011518
	Internal Walls and Partitions	29.84748207	-6.983029417	1.47560701	3.19700891		0	7.840761997	-5.4979295
	Internal Doors	1.178262244	-2.173943537		0		1.263726614	2.19129739	
	Wall Finishes	3.82388328		0.166509276	0.514451666		1.918040382	0.254244621	-0.0278621
Finishes	Floor Finishes								
	Ceiling Finishes								
FF&E	FF&E (Fixed)								
	FF&E (non-fixed)								
	Building Services	54.9		10.3	15.09	12.5	69.33	0.53	-42.93
Building Services	Refrigerant Leakage					33.81			
	Renewable Electricity Generation								
Prefabricated Buildings	Pre-fab Building Units								
Work to Existing Building	Minor Demolition and Alterations								

External Works	External Works	4.63		3.06	0		12.84	0.13	
	TOTAL	408	-51	29	42	46	99	66	-100

Benchmarking



Project Name Woolley Colliery Road, Darton, B Project Sector Residential (6+ storeys) Assessment Date 23.09.24 Assessment By (company) Stroma Built Environment Location of Data -	Upfront Embodied Carbon A1-5 exc. sequestration (kgCO ₂ e/m²)	Life Cycle Embodied Carbon A1-5, B1-5, C1-4 (kgCO ₂ e/m²)
A++	100	150
A+	200	300
A B	300	450
C	400	C 638
D	500 C 478	1000
Current Average	850	1200
F	1000	1400
G Non-Listed Typology:		
Sequestered Carbon:	-51 kgCO₂e/m²	
	Module D:	-100 kgCO₂e/m²

Upfront Embodied Carbon, A1-5 (exc. sequestration)

	Band	Office	Residential (6+ storeys)	Education	Retail
	A++	<100	<100	<100	<100
	A+	<225	<200	<200	<200
LETI 2030 Design Target	Α	<350	<300	<300	<300
	В	<475	<400	<400	<425
LETI 2020 Design Target	С	<600	<500	<500	<550
	D	<775	<675	<625	<700
	Е	<950	<850	<750	<850
	F	<1100	<1000	<875	<1000
	G	<1300	<1200	<1100	<1200

Life Cycle Embodied Carbon, A1-5, B1-5, C1-4

	Band	Office	Residential (6+ storeys)	Education	Retail
	A++	<150	<150	<125	<125
	A+	<345	<300	<260	<250
	Α	<530	<450	<400	<380
RIBA 2030 Build Target	В	<750	<625	<540	<535
	С	<970	<800	<675	<690
	D	<1180	<1000	<835	<870
	Е	<1400	<1200	<1000	<1050
	F	<1625	<1400	<1175	<1250
	G	<1900	<1600	<1350	<1450

