MR & MRS WILKINSON

DETAIL

2. MANUFACTURERS DETAIL

APPENDIX 'A'

Environment Agency

Flood map for planning

Your reference	Location (easting/northing)	Created
New dwelling	**440705/403857**	**11 Jun 2019 7:24**

Your selected location is in flood zone 1, an area with a low probability of flooding.

This means:

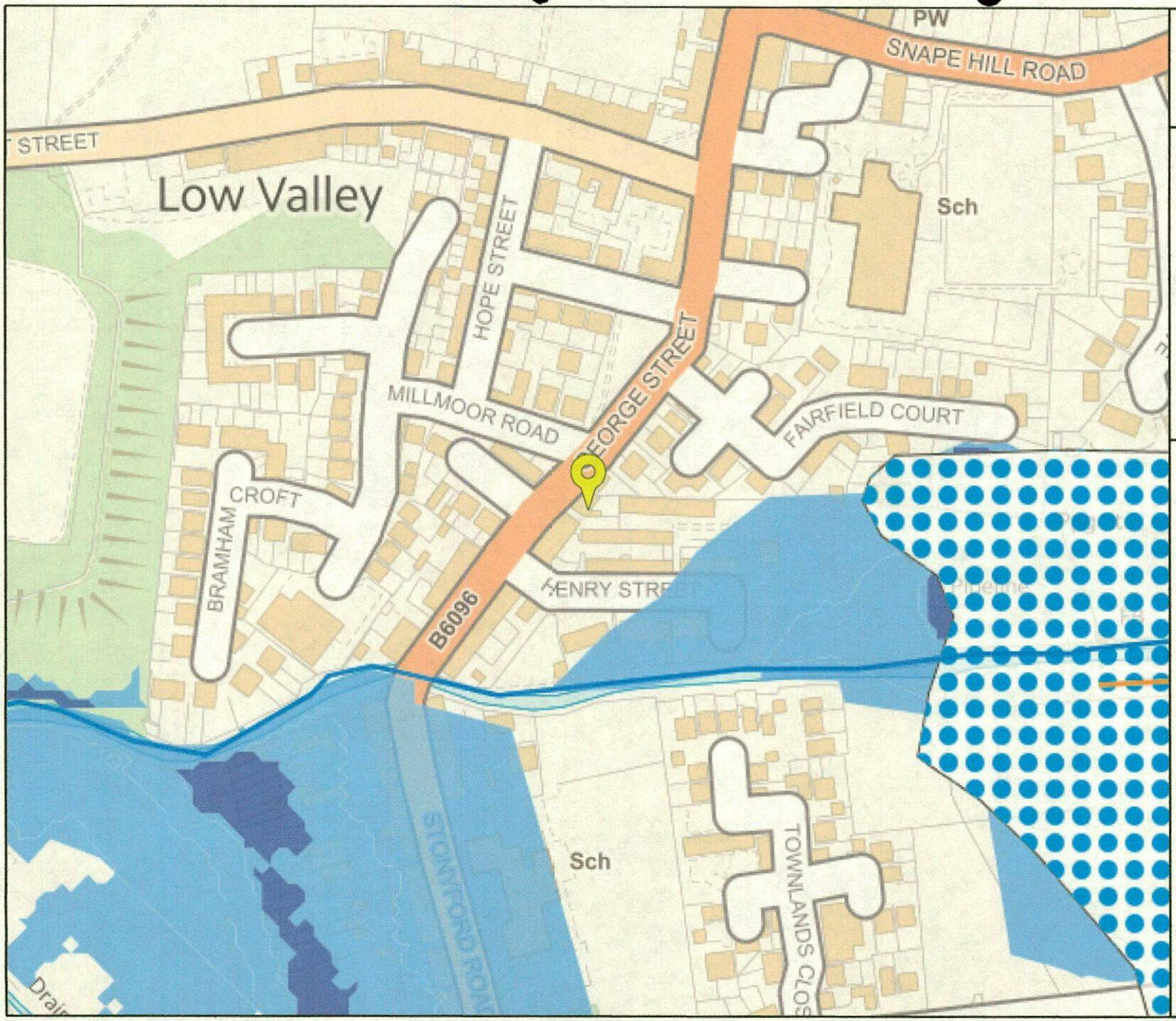
- you don't need to do a flood risk assessment if your development is smaller than 1 hectare and not affected by other sources of flooding
- you may need to do a flood risk assessment if your development is larger than 1 hectare or affected by other sources of flooding or in an area with critical drainage problems

Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

The Open Government Licence sets out the terms and conditions for using government data.
https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/



Environment Agency

Flood map for planning

Your reference
New dwelling

Location (easting/northing)
440705/403857

Scale
1:2500

Created
11 Jun 2019 7:24

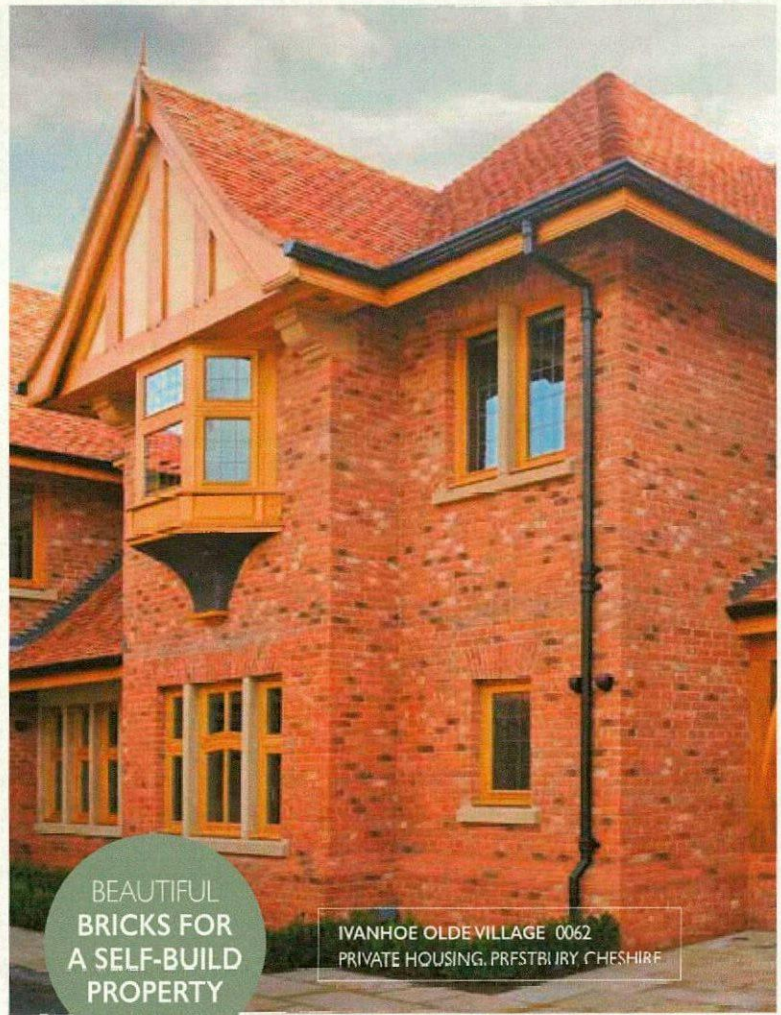
- Selected point
- Flood zone 3
- Flood zone 3: areas benefitting from flood defences
- Flood zone 2
- Flood zone 1
- Flood defence
- Main river
- Flood storage area

0 20 40 60m

© Environment Agency copyright and / or database rights 2018. All rights reserved. © Crown Copyright and database right 2018. Ordnance Survey licence number 100024198.

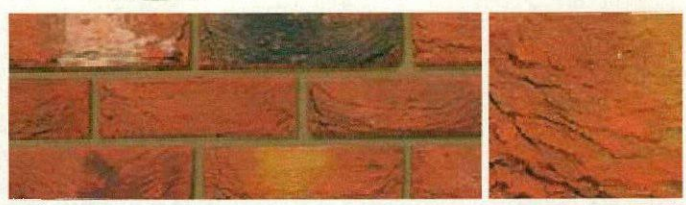
IVANHOE RANGE

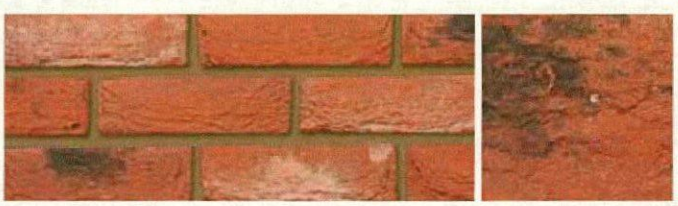
Created in the heart of England, these traditional stock bricks capture a rustic charm with their sandcreased texture and variety of colour blends.

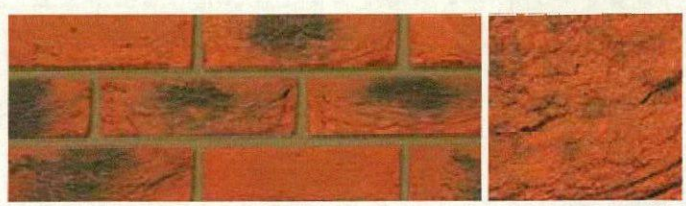



Ivanhoe Katrina Multi — Leicester **0059**


Ivanhoe Mellow Red — Leicester **0058**


Ivanhoe Cottage Blend — Leicester **0055**

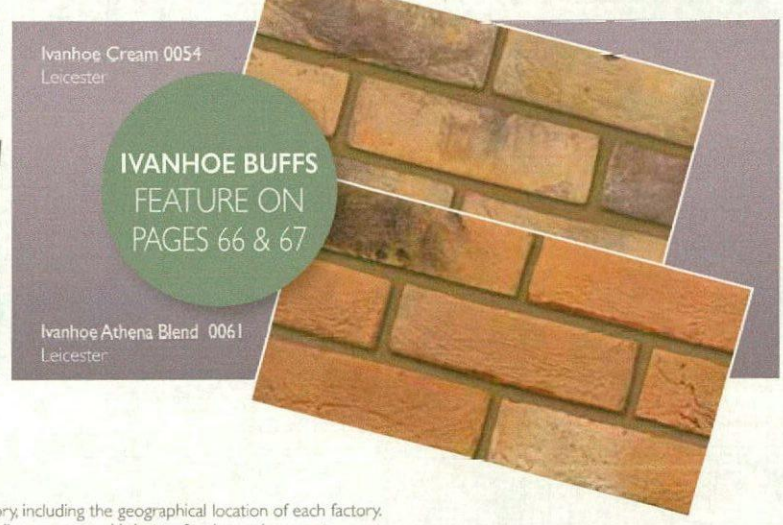

Ivanhoe Olde Village — Leicester **0062**


Ivanhoe Antique — Leicester **0060**

MAKE A STATEMENT WITH A DATE BRICK

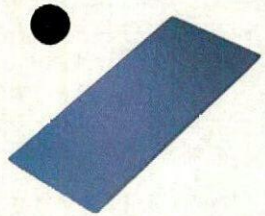
CONTACT YOUR LOCAL
BUILDERS' MERCHANTS



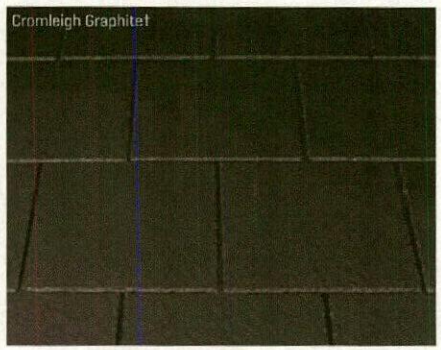


See pages 104-107 for details of our products by factory, including the geographical location of each factory.
Choosing bricks from local factories reduces delivery costs and is better for the environment.

RIVENDALE
fibre cement slates







Sustainability

Green guide rating	A+ (Element ref: 812410008)
BES 6001	Very good – can achieve 3 credits
Credit uplift available with EPD	
Embodied carbon	Low carbon footprint of 13 CO_2e/m^2

A finely detailed surface and dressed edges that together reproduce the attractive appearance of natural slate.

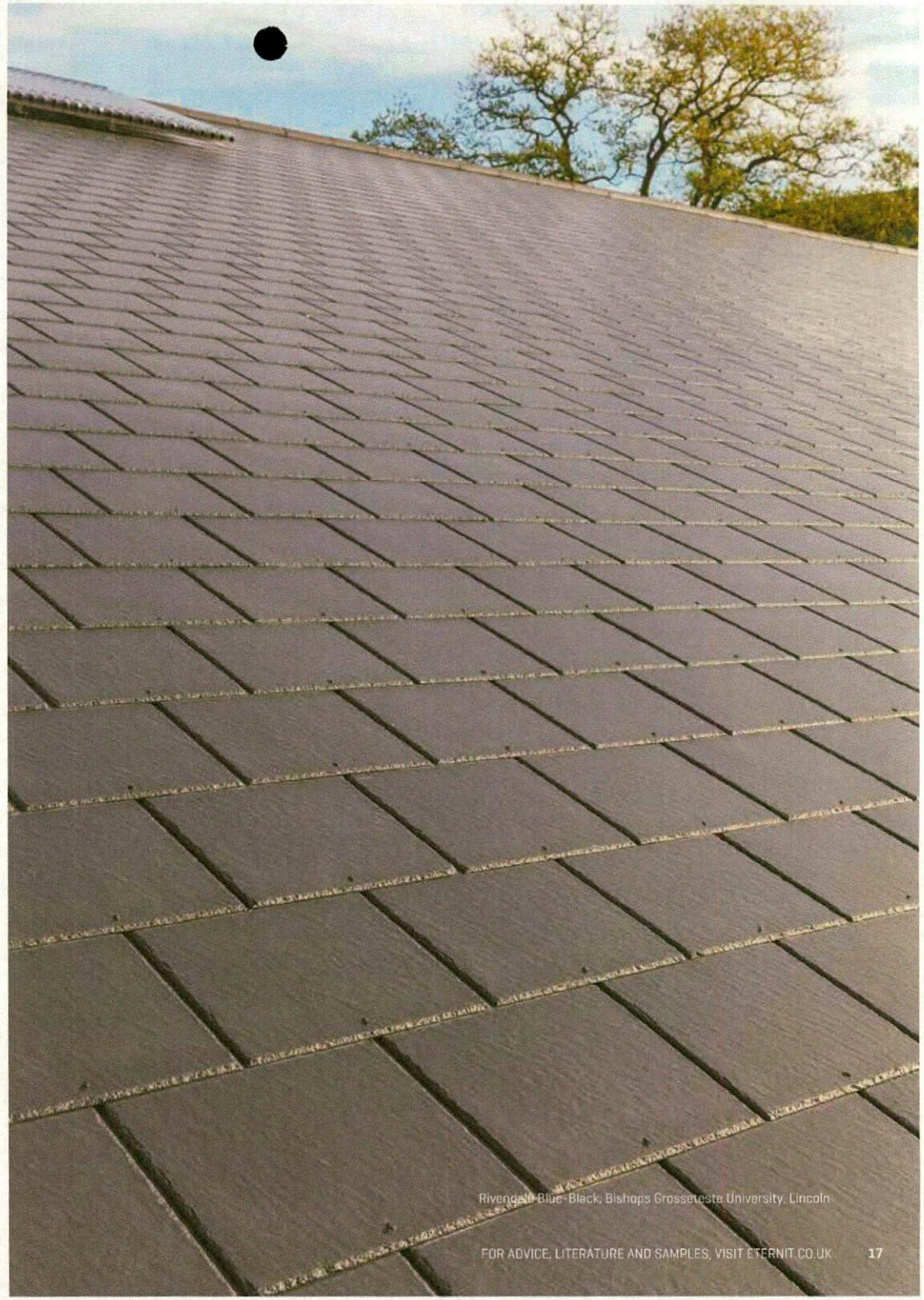
Technical data*

Size of slate	600mm x 300mm	
Minimum pitch**	Moderate exposure	22.5° (100mm lap) 20° (110mm lap)
	Severe exposure	25° (100mm lap) 22.5° (110mm lap)
Maximum pitch	90°	
Typical laps	100, 110mm	
Maximum gauge	245-250mm	
Slate thickness	4mm	
Covering capacity (net)	13.4 slates/m^2 at 100mm lap 13.6 slates/m^2 at 110mm lap	
Weight of slating (approx.)	20.4 kg/m^2 (0.20 kN/m^2) at 100mm lap 20.9 kg/m^2 (0.20 kN/m^2) at 110mm lap	
Battens required (net)	4.00 lin.m/m^2 at 100mm lap 4.08 lin.m/m^2 at 110mm lap	
Batten size recommended	38 x 25mm for rafters,supports not exceeding 450mm centres	
(fixed to BS 5534)	50 x 25mm for rafters,supports not exceeding 600mm centres	
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)	
Fittings screws	14 gauge self sealing	
Authority	BS EN 492	

* Eternit fibre cement slates meet the strength requirement of BS EN 492, achieving an average bending movement greater than 50 NM/M (Class 8). The slates also have a minimum density of 1700 kg/m^3 and a nominal thickness of 4mm.

** The minimum recommended pitch and lap may be influenced by special circumstances, please contact the Technical Advisory Team.

† Made to order.



Rivendale Blue-Black, Bishops Grosseteste University, Lincoln

Marshalls
Creating Better Spaces
Landscape House, Premier Way,
Lowfields Business Park,
Elland HX5 9HT
Tel: 03704 11 22 33
https://www.marshalls.co.uk/commercial
T: 01422 312000
F: 01422 312943
E: services.advisory@marshalls.co.uk

Priora 200 x 100 x 60

Date Created: 07/02/19




Priora - Natural


Priora - Charcoal

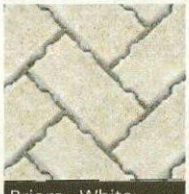

Priora - Buff


Priora - Red


Priora - Brindle


Priora - Burnt Ochre


Priora - Bracken


Priora - White Colour Top

Priora is Marshalls original Concrete Block Permeable Paving (CBPP) system, and the best selling system of its type in the UK. Combining the ever popular aesthetics of Keyblok block paving with a source-control SuDS solution, Priora not only looks great but also mitigates flood risk, removes surface water and improves water quality - without the need for additional linear drainage systems.

The Priora system has been proven over 10 years of successfully installed projects. The patented nib on the edge of the Priora blocks creates voids through which water falls into a specially prepared sub-base. The nibs also interlock to enhance surface stability.

Priora is available in 9 different colours and colour top marker blocks are available. A variety of laying patterns can be acheived using the 200x100 blocks.

As long as the sub-base is installed to Marshalls specification, Priora is suitable for all loading requirements.

DESCRIPTION	
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1338 : 2003
CE Marking/DOP	https://www.marshalls.co.uk/dop
NBS Specification	Q24 115

Marshalls
Creating Better Spaces
Landscape House, Premier Way,
Lowfields Business Park,
Elland HX5 9HT
Tel: 03704 11 22 33
https://www.marshalls.co.uk/commercial
T: 01422 312000
F: 01422 312943
E: services.advisory@marshalls.co.uk

Priora 200 x 100 x 60

Date Created: 07/02/19

PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	198	202
Width	98	102
Thickness	57	63
Work Dimensions (mm)	200 x 100 x 60	
Nominal Dimensions (mm)	200 x 100 x 60	
Tolerances on Work Dimensions (mm)	Length ±2mm, width ±2mm, thickness ±3mm	
Abrasion Resistance (mm)	≤ 23mm (Wide Wheel Abrasion Test)	
Durability (Freeze-thaw)	≤ 1.0 kg/m² as a mean with no individual value > 1.5 kg/m²	
Tensile Splitting Strength	Characteristic tensile splitting strength not less than 3.6 MPa. None of the individual results shall be less than 2.9 MPa, nor have a failure load less than 250N/mm of splitting length	

SPECIFICATION

Approx unit weight (kg)	3.5
Reaction to fire	Class A1, see commission decision 2000/605/EC

SUSTAINABILITY

Breeam	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
Carbon Footprint	
Priora 200 x 100 x 60 Natural	15 kg CO2 m²
Priora 200 x 100 x 60 Charcoal	15 kg CO2 m²
Priora 200 x 100 x 60 Buff	15 kg CO2 m²
Priora 200 x 100 x 60 Red	15 kg CO2 m²
Priora 200 x 100 x 60 Brindle	15 kg CO2 m²
Priora 200 x 100 x 60 Burnt Ochre	15 kg CO2 m²
Priora 200 x 100 x 60 Bracken	15 kg CO2 m²
Priora 200 x 100 x 60 Colour Top White	18 kg CO2 m²

APPLICATION

Loading Classification	Category 5 - 1 large goods vehicle per week (0.015 msa)

SITE WORKS

Coverage	50 no per m²

SUPPLY

Av. pack size (m²)	8.1
Av. pack weight (kg)	1080
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

FURTHER INFORMATION

Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233