

WATER

Wat 01 Water Consumption

No. of BREEAM credits available	5	Available contribution to overall score	3.89%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

How do you wish to assess the number of BREEAM credits to be achieved for this issue?	Define a target % improvement over baseline sanitary fittings
What is the target for % reduction in potable water consumption for sanitary use in the building?	12.5% - one credit

Please select the calculation procedure used	
Will the building be compliant with additional Wat01 criteria for this building type?	Yes

Standard approach data

Water Consumption from building micro-components	
Water demand met via greywater/rainwater sources	
Total net water consumption	
Improvement on baseline performance	

Key Performance Indicator - use of freshwater resource

Total net Water Consumption	
Default building occupancy	

Alternative approach data

Overall microcomponent performance level achieved	

Total BREEAM credits achieved	1
Total contribution to overall building score	0.78%
Total BREEAM innovation credits achieved	0
Minimum standard(s) level	Excellent level

Comments/notes:

SC confirmed that one credit may be achieved due to restrictions placed on the efficiency of some sanitary fittings due to design considerations imposed by security or safety requirements and that otherwise two credits may be achievable.

Wat 02 Water Monitoring

No. of BREEAM credits available	1	Available contribution to overall score	0.78%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Assessment Criteria

	Compliant?	Credits available	Credits achieved
Will there be a water meter on the mains water supply to the building(s)?	Yes	1	1
Will metering/monitoring equipment be specified on the water supply to any relevant	N/A		
Will all specified water meters have a pulsed output?	Yes		
If the site/building has an existing BMS connection, will all pulsed meters be connected to the BMS?	Yes		

Total BREEAM credits achieved	1
Total contribution to overall building score	0.78%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	Outstanding level

Comments/notes:

MC confirmed that there will be a pulsed output water meter on the mains supply to the building connected to the BMS and that there aren't any areas which are likely to consume 10% or more of the building's total water demand.

Wat 03 Water Leak Detection and Prevention

No. of BREEAM credits available	2	Available contribution to overall score	1.56%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Assessment Criteria

	Compliant?	Credits available	Credits achieved
Will a mains water leak detection system be installed on the building's mains water supply?	No	1	0
Will flow control devices be installed in each sanitary area/facility?	Yes	1	1

Total BREEAM credits achieved	1
Total contribution to overall building score	0.78%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	N/A

Comments/notes:

MC confirmed that a mains water leak detection system won't be specified but that the design will incorporate flow control devices as required.

Wat 04 Water Efficient Equipment

No. of BREEAM credits available	1	Available contribution to overall score	0.78%
No. of BREEAM innovation credits available	No	Minimum standards applicable	No

Assessment Criteria

Compliant?

Credits available

Credits achieved

Has a meaningful reduction in unregulated water demand been achieved?	Yes	1	1
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Total BREEAM credits achieved	1
Total contribution to overall building score	0.78%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	N/A

Comments/notes:

SC confirmed the scheme will include planting but no car wash and that all irrigation will be solely via precipitation.

MATERIALS

Mat 01 Life Cycle Impacts

No. of BREEAM credits available	4	Available contribution to overall score	4.50%
No. of BREEAM innovation credits available	3	Minimum standards applicable	No

How do you wish to assess the number of BREEAM credits to be achieved for this issue? Define the number of Mat 01 credits achieved

Assessment Criteria

Predicted total Mat01 credits achieved	3
Green Guide exemplary level compliant?	No
Has IMPACT compliant software been used?	No

Total BREEAM credits achieved	3
Total contribution to overall building score	3.38%
Total BREEAM innovation credits achieved	0
Minimum standard(s) level	N/A

Comments/notes:

SC confirmed a target of three credits.

Mat 02 Hard Landscaping and Boundary Protection

No. of BREEAM credits available	1	Available contribution to overall score	1.13%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Assessment Criteria	Compliant?	Credits available	Credits achieved
Will ≥80% of all external hard landscaping and boundary protection achieve a Green Guide A or A+ rating?	Yes	1	1

Total BREEAM credits achieved	1
Total contribution to overall building score	1.13%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	N/A

Comments/notes:

SC confirmed that this credit should be achievable with the current boundary protection and hard landscaping proposals.

Mat 03 Responsible Sourcing

No. of BREEAM credits available	4	Available contribution to overall score	4.50%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Assessment Criteria	Compliant	Credits available	Credits achieved
All timber and timber based products are 'legally harvested and traded timber'	Yes		
Is there a documented sustainable procurement plan?	No	1	0
Percentage of available responsible sourcing of materials points achieved	1.00%	3	0

Please confirm the route used to assess Mat03	Route 3: Combination of routes
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Total BREEAM credits achieved	0
Total contribution to overall building score	0.00%
Total BREEAM innovation credits achieved	0
Minimum standard(s) level	Outstanding level

Comments/notes:

JM confirmed that all timber and timber based products will comply and that one credit should be targeted for responsible sourcing.

Mat 04 Insulation

No. of BREEAM credits available	1	Available contribution to overall score	1.13%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Assessment Criteria

		Credits available	Credits achieved	
What is the building's targeted insulating index?	2.50	1	1	Note: An insulatic

Total BREEAM credits achieved	1
Total contribution to overall building score	1.13%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	N/A

Comments/notes:

MC and SC confirmed that compliant fabric and services insulation will be specified as such a score of 2.5 entered to reflect one credit.

Mat 05 Designing for durability and resilience

No. of BREEAM credits available	1	Available contribution to overall score	1.13%
No. of BREEAM innovation credits available	0	Minimum standards applicable	N/A

Assessment Criteria

Assessment Criteria	Compliant?	Credits available	Credits achieved
Will suitable durability/protection measures be specified and installed to vulnerable areas of the building?	Yes	1	1
Will suitable durability/protection measures be specified and installed to exposed parts of the building?	Yes		

Total BREEAM credits achieved	1
Total contribution to overall building score	1.13%
Total BREEAM innovation credits achieved	N/A
Minimum standard(s) level	N/A

Comments/notes:

SC confirmed that all required durability measures will be incorporated into the design.