

# THE GRASMERE SHELTER

## Data Sheet

The Grasmere cycle shelter has a robust steel construction and it fitted with shatter resistant 5mm solid polycarbonate panels to offer secure cycle parking.



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### Dimensions:

Length:	4.1 metres
Width/Projection:	2.05 metres - can be extended by 2m bays
Height:	2.3 metres
Spacing Between Posts:	1975mm

### Features:

Wall Mounted or Free Standing:	Free standing
Suitable for:	Education   Hospitality   Leisure   Retail   Commercial   Healthcare
Applications include:	Cycle Shelter   Waiting Shelter   Smoking Shelter   Bin Shelter
Guarantee:	N/A
Life Expectancy:	Up to 25 Years
Maintenance:	Requires only periodic cleaning
Installation Type:	Permanent
Retractable/Collapsible:	No
Method of Fixing:	Fixed to the ground with 145mm x 145mm x 5mm steel base plates into an existing concrete base

### Frame Specifications:

Construction Material:	The main frame is made from 50mm x 50mm x 2.5mm steel hollow section The posts are made from 50mm x 50mm x 2.5mm steel hollow sections
Guttering:	None
Frame Finish:	Powder coated   Also available galvanised at an additional cost
Fixings:	316 marine grade stainless steel fixings

### Roof Specifications:



Roof Frame:	Roof bars are made from 50mm x 50mm x 2.5mm steel box sections
Roof Covering:	5mm solid polycarbonate
Side and Back Panels:	5mm solid polycarbonate
UV Protection:	Over 98%
Light Transmission:	The 5mm polycarbonate offers 92% for clear panels and 47% for opal panels
Strength:	The polycarbonate panels are vandal and shatter resistant and 200 times stronger than glass
Temperature Resistance:	From -20°C to +100°C for the polycarbonate

## International Standards:

Roof Panel Fire Rating: European standard BS476 Part 7 class 1fire and EN 13501 B-S1, D0.

CE Marked Frame: Yes, to UKCA BS EN1090-1:2009+A1:2011

## Colour Options:

Standard Colours		Non Standard Colours (Additional costs may apply)
Steel Framework	Our standard RAL colours are: 	Any RAL colour
Polycarbonate Roof Covering		Any RAL colour

## Weather Protection:

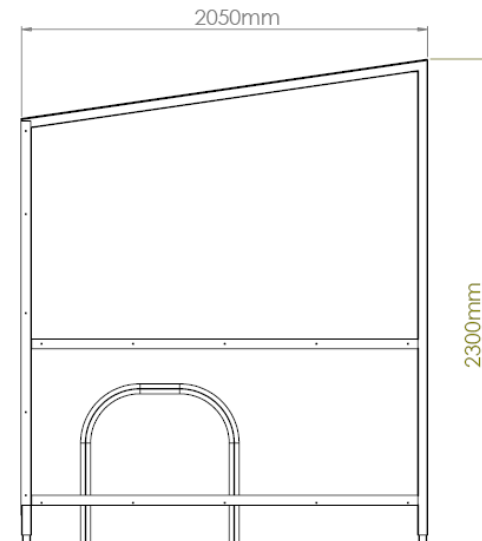
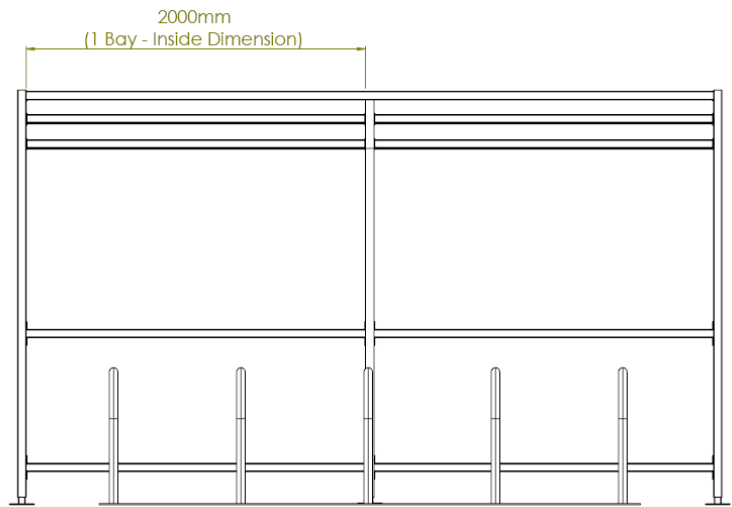


## Available Upgrades:

Post Pads	✗
Signage	✗
Polycarbonate Side & Back Panels	Supplied as standard
Glass Side & Back Panels	✗
Tensile Fabric Side Panels	✗
Rainbow Package	✗
Roller Shutters	✗
Coloured Polycarbonate	✗
Guttering and uPVC downpipes	✗
Cycle Racks	✓
BREEAM compliant design	✓
Built-in Benches	✓

## Technical Files Available:

PDF CAD File	✓
DXF/DWG CAD File	✓
IGES CAD File	✓
STL CAD File	✓
BIM File	✓
NBS Spec	✓



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