

THE PEMBROKE SHELTER

Data Sheet

The Pembroke Timber Shelter has an expertly designed framework which features curved timber beams and a curved polycarbonate roof covering to create a striking cycle shelter for all environments.



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Dimensions:

Length:	Unlimited
Width/Projection:	3 metres
Height:	3.07 metres (head clearance 2.6m)
Spacing Between Posts:	Up to 4 metres

Features:

Wall Mounted or Freestanding:	Freestanding
Suitable for:	Education Hospitality Leisure Retail Commercial Healthcare
Applications include:	Cycle Shelter Waiting Shelter Smoking Shelter
Guarantee:	N/A
Life Expectancy:	Up to 15 Years
Maintenance:	Periodic cleaning only; retreatment approximately every 4-5 years is recommended
Installation Type:	Permanent
Retractable/Collapsible:	No
Method of Fixing:	Posts are installed into the ground with 250mm x 250mm x 10mm base plates into 600mm x 600mm pad stones

Frame Specifications:

Construction Material:	140mm x 140mm planed timber beams - recessed into the main curved roof bar on the shelter. All timber can be supplied with PEFC certification
Guttering:	None
Frame Finish:	The timber frame is finished in a choice of 13 different wood stain colours
Fixings:	316 marine grade stainless steel fixings



Roof Specifications:

Roof Frame:	The main curved timber member is constructed from 140mm x 140mm Glulam timber and is connected to the frame using M12 Resin Anchors. The roof purlins are 100mm x 140mm. All timber can be supplied with PEFC certification
Roof Covering:	5mm solid polycarbonate
UV Protection:	Over 98% for the polycarbonate
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:	Roof panels: European standard BS476 Part 7 class 1 fire and EN 13501 B-S1, D0. Timber frame: Fire resistant to European standard BS 5268
CE Marked	Yes to UKCA BS EN1090-1:2009+A1:2011
Timber Performance:	Complies with the requirements of British Standard BS EN 386: 2001

Colour Options:

	Standard Colours	Non Standard Colours (Additional costs may apply)
Timber Framework	Our standard colours are: 	N/A
Polycarbonate Roof Covering		N/A

Weather Protection:

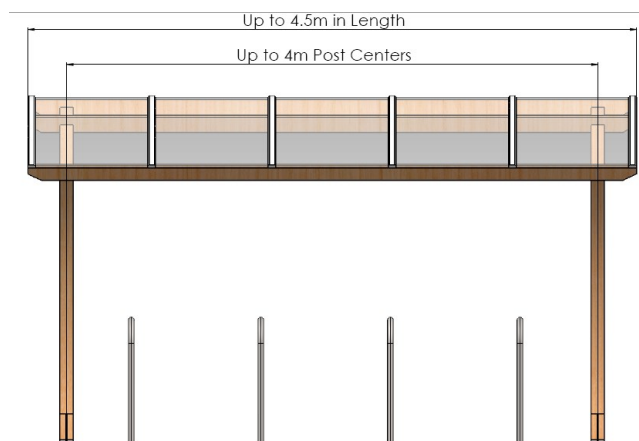
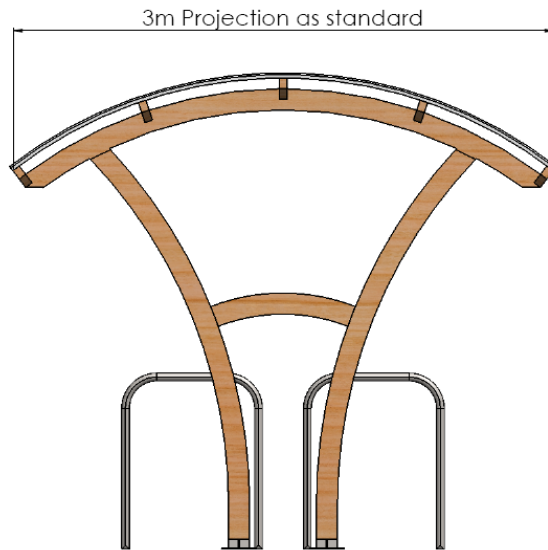


Available Upgrades:

Post Pads	✗
Signage	✗
Polycarbonate Side Panels	✗
Glass Side & Back Panels	✗
Tensile Fabric Side Panels	✗
Rainbow Package	✗
Roller Shutters	✗
Coloured Polycarbonate	✗
Guttering and uPVC downpipes	✗
Cycle Racks	✓

Technical Files Available:

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



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