

# 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:

<b>Roof Panel Fire Rating:</b>	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
<b>CE Marked</b>	Yes to UKCA BS EN1090-1:2009+A1:2011
<b>Timber Performance:</b>	Complies with the requirements of British Standard BS EN 386: 2001

## Colour Options:

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

## Weather Protection:

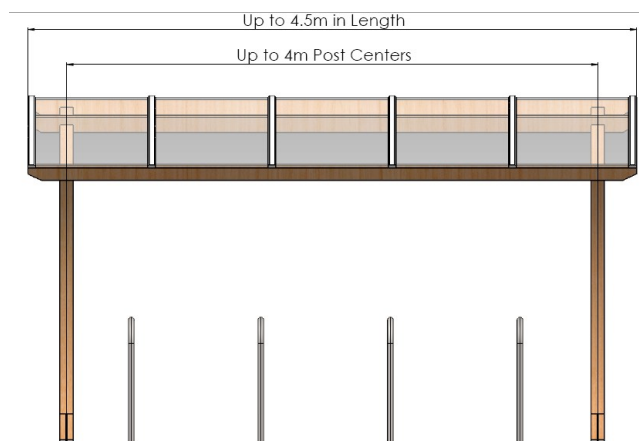
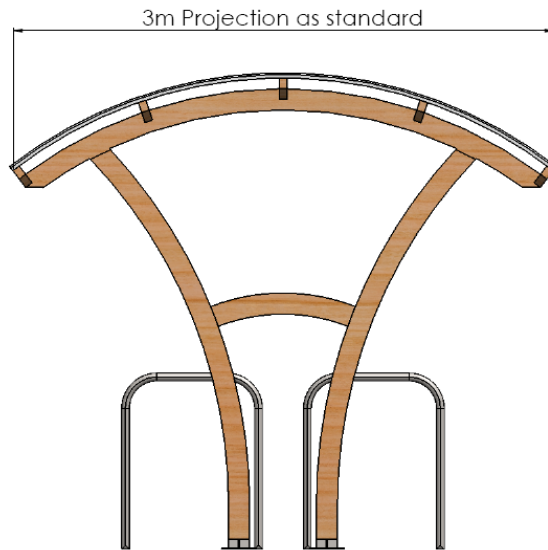


## Available Upgrades:

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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