

THE TARNHOW MONO-PITCH TIMBER CANOPY

Data Sheet

The Tarnhow Mono-Pitch is constructed from sustainable glu-lam timber and can be a wall mounted or free standing canopy structure to suit your requirements.



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Dimensions:

| | |
|------------------------|-----------------------|
| Length: | Unlimited |
| Width/Projection: | Up to 7.5 metres |
| Height: | To your specification |
| Spacing Between Posts: | Up to 6 metres |

Features:

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|--------------------------------|--|
| Wall Mounted or Free Standing: | Free standing or wall mounted |
| Suitable for: | Education Hospitality Leisure Retail Commercial Healthcare |
| 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: | The timber posts are doweled to steel bases which are fixed to galvanised steel feet made from (up to) 300mm (h) x 190mm box section with a 250mm x 250mm base plate, and internal steel plate 400mm x 120mm. Base plate fixed to foundation pad using M16 threaded rods with resin anchor - foundation pads vary according to canopy size |

Frame Specifications:

| | |
|------------------------|--|
| Construction Material: | Columns, eaves beams and rafters are GL24h European Whitewood Glulam with MUF adhesive and 45mm laminations. Purlins are C24 regularised timber. All timber can be supplied with PEFC certification |
| Guttering: | uPVC guttering and downpipes fitted as standard |
| Frame Finish: | Stained with Remmers Aqua MSL-45 as standard |
| Colour Options: | Choice of 13 stain colours as shown overleaf |
| Fixings: | All visible fixings are timber to give an attractive fully timber finish |





Roof Specifications:

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|-------------------------|---|
| Roof Frame: | Glulam timber beams with aluminium roof bars |
| Roof Covering: | Choice of 5mm solid or 16mm structured polycarbonate panels |
| UV Protection: | Over 98% This also means the roof panels will not turn yellow over time due to UV degradation |
| Light Transmission: | The 16mm polycarbonate offers 73% for clear panels and 35% for opal panels The 5mm polycarbonate offers 92% for clear panels and 47% for opal panels |
| Strength: | Vandal and shatter resistant 200 times stronger than glass |
| Colour Options: | Available in clear and opal |
| Temperature Resistance: | From -20°C to +100°C |

International Standards:

| | |
|----------------------------|--|
| Fire Ratings: | 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 |
| Aluminium Roof Bars |  | Any RAL colour |
| Roof Covering |   | N/A |

Weather Protection:

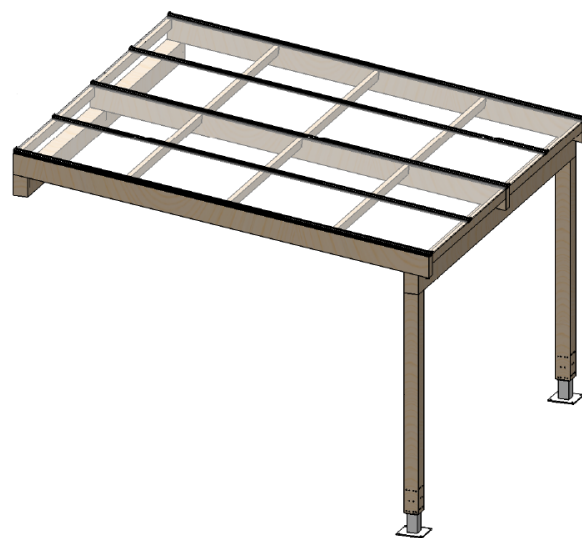
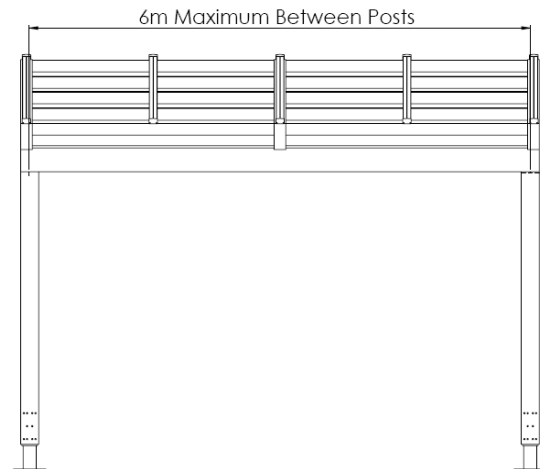


Available Upgrades:

| | |
|----------------------------------|---|
| Post Pads | ✓ |
| Signage | ✓ |
| Polycarbonate Side & Front Fills | ✓ |
| Tensile Fabric Side Panels | ✓ |
| Rainbow Package | ✓ |
| Roller Shutters | ✓ |
| Coloured Polycarbonate | ✗ |

Technical Files Available:

| | |
|---------------|---|
| PDF CAD File | ✓ |
| DXF CAD File | ✓ |
| IGES CAD File | ✓ |
| STL CAD File | ✓ |
| BIM File | ✓ |
| NBS Spec | ✓ |



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