

A tensile fabric double hypar canopy with wall & column attachments

Richmond



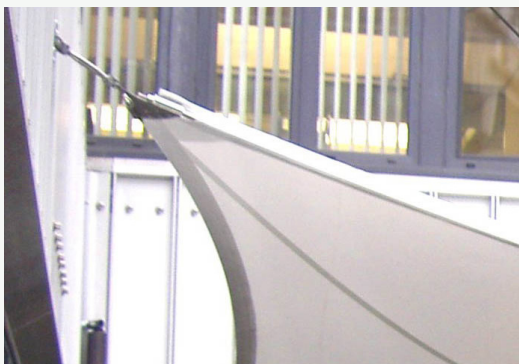
- Wide range of fabric colours available
- Fully adaptable including custom designs
- Warranted for ten years under tension
- ArcCan installation teams operate Worldwide

The Richmond is a versatile double hypar tensile fabric shade structure designed to provide a permanent shade solution in a courtyard, utilizing a combination of wall fixings and columns tensioned with backstays. Designed specifically to fit in a space with three walls, the canopy has five wall fixing points at various levels to create a double saddle hypar and has a single column in the open end, tensioned with cables or backstays. Sizes for the Richmond range from 16 square metres to 196 square metres and the canopy can be either waterproof or porous – drainage systems are available if required. Engineered to deal with inclement weather conditions the Richmond range provides custom shading solutions to meet client's precise requirements.

Specifications

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Framework

Heavyweight grade tubular steel columns zinc and powder coated to RAL colour of choice tensioned with galvanised or stainless steel cables or rods, specialized wall fixings with or without cold bridge connections, all fixings either A2/A4 stainless or galvanised steel.

Fabric

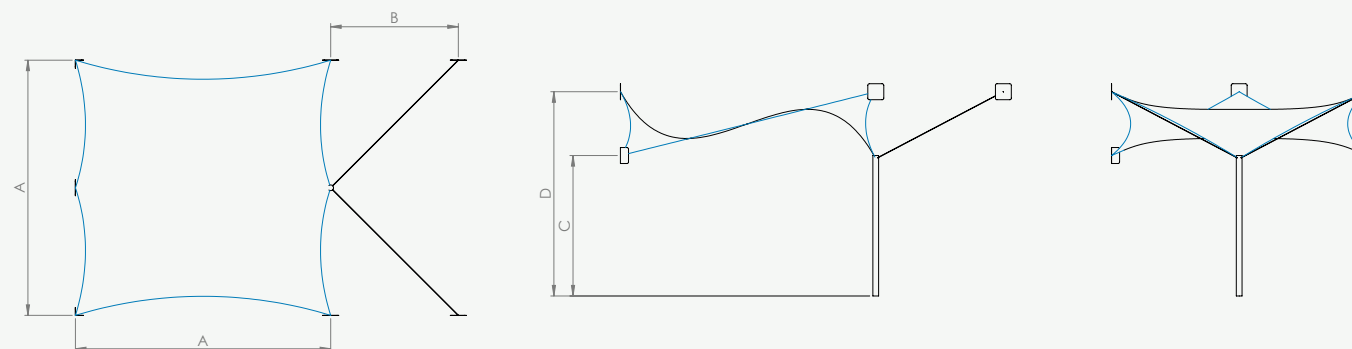
Architectural PVC coated polyester fabric or knitted HDPE shade cloth, patterned into a saddle 'hypar' shape with H/D boundary webbing, or S/S membrane plates and boundary cables tensioned with marine grade rigging screws.

Foundations

We provide loading figures for your engineer to design foundations to suit local ground conditions. Typical details available on request.

Files

3D CAD models are available on request.



| CODE | RIC40 | RIC50 | RIC60 | RIC70 | RIC80 | RIC90 | RIC100 | RIC120 | RIC140 |
|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| A | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 14 |
| B | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 6 | 7 |
| C | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| D | 3.2 | 3.5 | 3.7 | 4 | 4.2 | 4.5 | 4.7 | 5.2 | 5.7 |

All measurements in metres and are approximate.