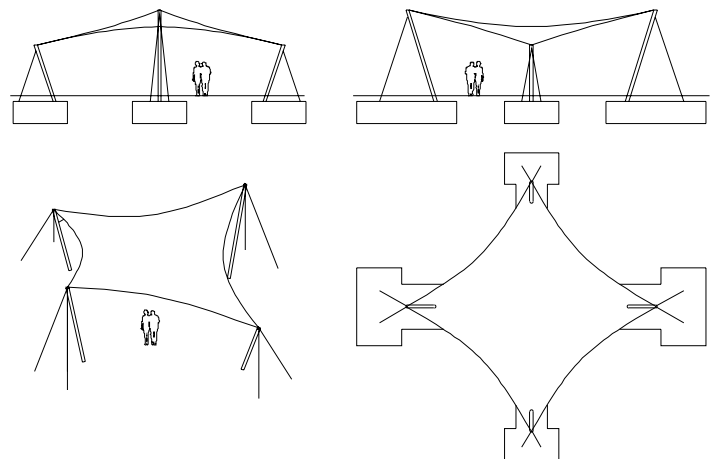


Tensile Sail Shade Canopy



The Sail Shade is a fashionable canopy shape technically known as a hypar. Hypar (short for hyperbolic paraboloid) is one of the classic tensile fabric forms. It is a simple shape with 4 tripod legs to ground attaching the fabric at two high points and two low points creating a three dimensional flying form which is very stable under tension. It is the tripod legs that allow us to tension the fabric to high loads and prevent movement of the fabric, which causes wearing, and prevents ponding of rain or snow which could cause the canopy to fail. We take care to advise our customers on the difference between a tensile fabric sail shade structure, which is permanent and waterproof, and those that are simply tensioned structures. A tensioned sail

shade structure will provide shade but will usually use a mesh fabric (not waterproof) to overcome rainwater ponding however snow ponding would still cause an issue. It will also need to be taken down in high winds otherwise it will fail and could cause a safety issue.



Please refer to our comprehensive canopy buyer's checklist to help you to specify the canopy that best suits your needs and make a fair comparison between different potential suppliers.



Key Features

Sizes: 7mx7m, 10mx10m, 12mx12m (bespoke sizes on request)

Can they be linked together: No

Canopy Material: PVC polyester (highly coated), A range of 40 colours available, QA ISO 90001 (other fabrics available on request)

Frame Material: Steel (CE mark)

Frame Paint Specification: Galvanised (RAL paint colours may be specified)

Gutter: No

Wind Rating: BS 6399 part 1, 2, 3 (50 year storm calculated by UK location)

Snow Loading: BS6399 part 1, 2, 3 (50 year storm calculated by UK location)

Fire Rating: Depending on fabric chosen M2 / B1 / BS 7837, B-s2,d0 or class 0 A2

Waterproof: Yes

Expected Design Life: 20+ years

Fabric Warranty: 10 years (subject to colour)

Foundations: Simple structural reinforced concrete

Installation: 100m² per day average

Accessories Available: Branding, Post protector, Lighting, Heat, Waste bins

Maintenance: Virtually maintenance free. Simple annual clean and maintenance check

