

FlexshadeHypar

Architecturally Designed Shade Structure



The Hypar offers a durable, contemporary alternative to traditional shade sails. The unique design features a twisted tension membrane with overhead support structure. Modules can be linked together in a variety of plan layouts for optimal shade coverage. These engineered structures are custom made and when you order.





Highlights

- > Certified engineered non retractable design
- > Tensioned PVC fully welded membranes
- > Zinc & powder coated steel frames
- > Marine grade stainless cables & fittings
- > Engineered for winds up to 160km/h
- > Fire rated PVC with PVDF top finish



FABRIC WARRANTY



FRAME WARRANTY

Membrane Colour Options

Features




Structural Base Plate

Heavy duty base plate permanently anchored to foundation



Stainless Steel Tension Adjuster

Maintains tension on membrane for years to come



Hypar Links

Connect multiple modules together for to provide weather-proof cover

bright white	dutch green
nature	laguna blue
pearl white	blue
beige	royal blue
brilliant yellow	bright grey
flame red	dust grey
burgundy	charcoal
chocolate	black

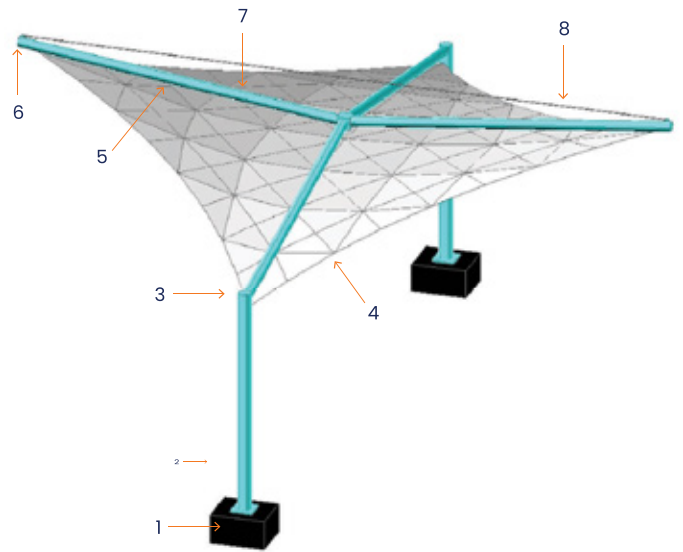
Colour swatches are approximate.

Options

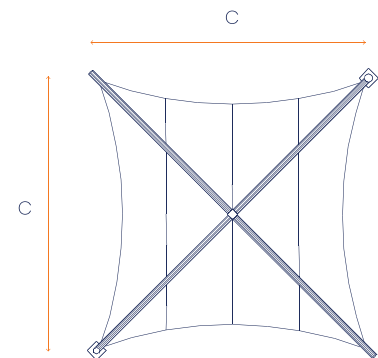
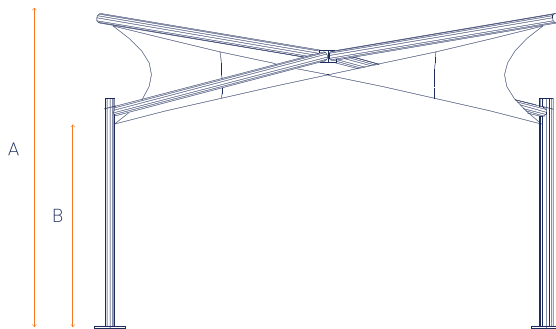
- > Full range of Dulux RAL powder coat colours for frame
- > Electropolished stainless steel frames
- > Provision for electric lighting and heating units

Configuration

- 1. Footings
To suit local conditions
- 2. Column
Zinc & powder coated
- 3. Bolted Joints
High strength SS bolts
- 4. Edge Cable
Stainless steel fittings
- 5. Rafter Struts
Zinc & powder coated
- 6. Tensioner
Stainless steel
- 7. Membrane
Fire rated PVC with PVDF top finish
- 8. Guy Cable
Stainless steel
- 9. Wind Load
45 m/sec



Dimensions



Dimensions (sizes are in mm)				Shipping	
Type	A	B	C	Dimensions	Weight
Hypar 2.9m	3128	2500	2900	3200 x 750 x 750	395 kg
Hypar 4.3m	3450	2500	4330	3500 x 750 x 750	495 kg
Hypar 5.7m	3771	2500	5760	4500 x 750 x 750	660 kg
Hypar 6.6m	4090	2500	7160	5500 x 1000 x 1000	830 kg

The Flexshade® Hypar can be designed to suit specific customer requirements for height and plan dimension.

About the manufacturer

The Flexshade® range of pre-engineered tension membrane structures are part of the Vesl Tension Span Group founded in 1977. These Australian made shade structures are built to unmatched standards and are designed with a fix and forget philosophy.

