Edition 3 - January 2025

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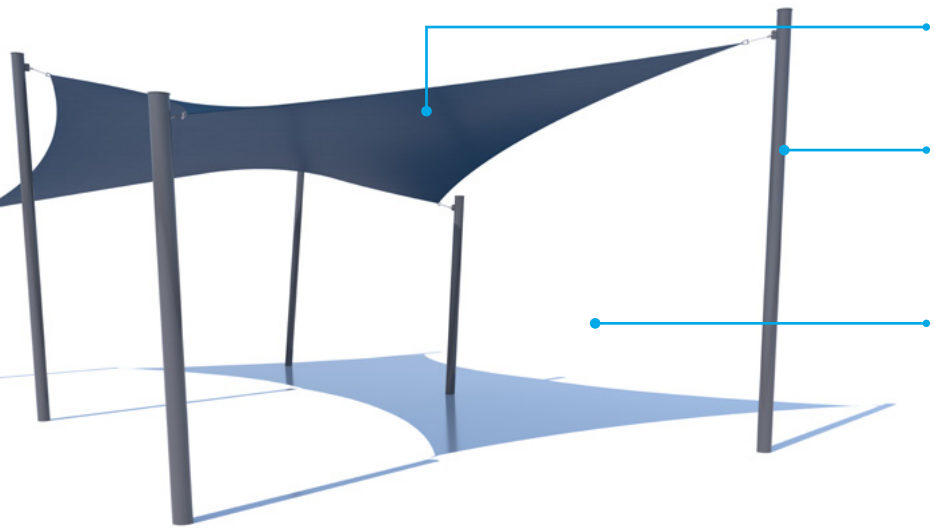
ORION HYPAR SHADE Sails

Where the primary objective for a covered space is shade from the sun and UV protection, the ORION Hypar Shade Sail canopy is a cost-effective and visually appealing choice. With a wide range of vibrant colours available, sails can be grouped together to create a stunning design theme – perfect for brightening up school playgrounds and outdoor seating areas.

The commercial grade shade cloths with single colour filaments provide consistent colour tone and texture throughout the sail. They offer a very high level of UV protection with 91% – 95% block, and are made from UV stabilised materials, ensuring that the fabric of the shade sails will continue to perform even after years of exposure to the elements. The super tough abrasion resistant yarn offers excellent longevity with resistance to grime, mildew and dirt.

Sail shade canopies are not rated for snow loading, so this product utilises 316 grade stainless steel fixings for ease of removal and retensioning. If all year round weather protection is required, consider the ORION Hypar fabric canopy.



Shade Fabric Colours
A choice of 16 shade cloth fabric colours available to choose from

Options
Available options for the ORION Hypar Shade sails include lighting, heating and post protectors

Module dimensions of up to 7.0m x 7.0m

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Creating All-Weather Sport, Learning and Social Environments for Generations

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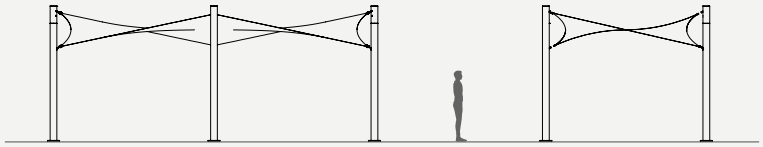


Design Features

Structural Design
To create the hyperbolic form there must be tensioning points on opposing corners and ORION Hypar Sail Shade Canopies use cast-in steel columns to provide the necessary tension.

Custom Designs
ORION Hypar Shade Sails can be custom designed to create stunning architectural canopy structures to shade spectator seating and outdoor performance areas such as amphitheatres.

Waterproof Shade Sails
If you require shelter from the rain as well as shade from the sun, consider the ORION Waterproof Hypar canopy which uses a PVC architectural membrane instead of shade cloth.

Great Aesthetics
Soft curves and one-piece colourful architectural shade sails with minimal supporting steelwork create an undeniably impressive feature in their own right.

Steelwork Coating
With the fabric colour choice availability and a full range of BS4800 and RAL colours for powder coating finishes, the possibilities for coordinated design themes are practically endless!

Fabric Colour Choice
With a choice of over 30 different colours across our different shade cloth ranges, there is great scope to create vibrant and imaginative covered spaces.

Product Specification

ORION Hypar Shade Sails have the classic tensile form, using columns at the corners of the structure. Sail Shade Canopies can be grouped together with posts acting as fixing points for more than one sail.

Shade Sail Dimensions
ORION Hypar Shade Sails are available in sizes up to 7.0m x 7.0m. Most sun shade sails are square but rectangles can be accommodated.

Shade Sail Mounting
ORION Hypar Shade Sails are mounted to hollow section steel posts, which are cast into concrete foundations.

Shade Sail Hardware
ORION Hypar Shade Sails use high quality stainless steel tensioning and fixing hardware for longevity.

Additional Options

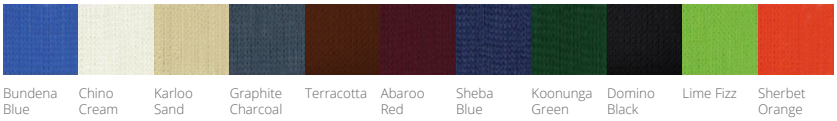
Post Protector Pads
Foam protector pads with heavy duty PVC covers can be fitted to canopy posts for structures situated in play areas.

Lighting
Various lighting solutions are available to extend safe use of your covered space or walkway outside of daylight hours.

IR Heaters
External grade radiant electric heaters can be fitted to ORION canopies to provide warmth to users in colder weather.

Shade Fabric Colours

ORION Hypar Shade Sails use commercial grade shade cloth fabric manufactured from High Density Polyethylene (HDPE) monofilament and tape filament. All filament (or yarn) is lockstitch knitted together providing a very high strength fabric which is then heat set, for dimensional stability and consistency. Fourteen UV-stable colours are available.



Bundena Blue | Chino Cream | Karloo Sand | Graphite Charcoal | Terracotta | Abaroo Red | Sheba Blue | Koonunga Green | Domino Black | Lime Fizz | Sherbet Orange

Bubblegum Pink | Jazzberry Purple | Mellow Yellow | Candy Red | Titanium

Fame Finishes

Highly durable polyester powder coatings are applied as the standard finish on steel frame with colours selected from a basic range or from the RAL colour selector. Steelwork is cold grit-blasted to SA2.5, with a zinc coating and anti-corrosive primer, followed by the high gloss polyester colour powder coat finish. Alternatively, hot-dip galvanised coatings can be specified for the harshest environments where a decorative finish is not required.

Hot-Dip Galvanised

Colour Polyester Powdercoat

Fabric Canopies | Polycarbonate Canopies | Timber Canopies | Sports Canopies | Enclosed Canopies | Walkway Canopies | Entrance Canopies

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