Shelters & Canopies Specification Sheet

Triangle Perimeter Beam Shade Sail

BXSH-TRI-PB

broxap®
shelters & canopies

Standard Unit Dimensions:

Lengths & Widths:

3879mm x 3879mm x 3879mm
4864mm x 4864mm x 4864mm
5863mm x 5863mm x 5863mm
6868mm x 6868mm x 6868mm
7910mm x 7910mm x 7910mm
8911mm x 8911mm x 8911mm

Framework Colours/Finishes:

Galvanised Only	RAL 9006 White Aluminium	RAL 7016 Anthracite Grey
BS 4800 10 A 07 Nimbus Grey	RAL 3020 Traffic Red	RAL 9005 Jet Black
BS 4800 14 C 39 Holly Green	RAL 1023 Traffic Yellow	BS 4800 00 A 05 Goose Grey
RAL 5015 Mid Blue	RAL 5013 Dark Blue	RAL 9016 Traffic White

The colours shown are a guide only. Please check a colour chart to see the actual colour.

Shade Sail Fabric Colours:

Black - #0f1915, Natural - #eee9d6
Cherry Red - #972a2b, Sky Blue - #5a859f
Ochre Red - #81534d, Aquatic Blue - #00648c
Desert Sand - #c8b491, Turquoise - #196d84
Yellow - #e3ca30, Steel Grey - #909da0
Rivergum Green - #aeb695, Navy Blue - #0f3b53
Brunswick Green - #496456

Product Information

This triangle perimeter beam shade sail is manufactured using heavy duty knitted HDPE shade cloth and galvanized steel poles, in various sizes. Broxap's shade sails offer all year protection filtering upto 99% harmful UV rays. The perimeter beam construction allows the shade cloth to remain in situ all year round, in all weather conditions whist keeping the foundation requirements to a minimal.

Features

- Knitted/woven shade cloth sail
- 16 vibrant sail colours to choose from
- Filter up to 99% harmful UV rays
- 32% reduction in ambient temperature
- Framework galvanised to BS EN ISO 1461:2009

Materials Used

- Framework: Mild steel poles galvanised to BS EN ISO 1461:2009
- Heavy duty knitted HDPE shade cloth

Finish Options (Framework)

- Galvanised to BS EN ISO 1461:2009
- Galvanised to BS EN ISO 1461:2009 & Polyester Powder Coated

Broxap Limited, Rowhurst Industrial Estate, Chesterton, Newcastle-under-Lyme, Staffordshire, ST5 6BD **T:** 01782 564411 **E:** info@broxap.com **W:** www.broxap.com

bsi ISO 9001 Quality Management Systems CERTIFIED FM 20178 · ISO 14001 Environmental Management CERTIFIED EMS 45526 · ISO 45001 Occupational Health and Safety Management CERTIFIED OHS 547679
RoSPA Member
Constructionline Gold Member
CHAS ACCREDITATION SAFE TO WORK
SafeContractor APPROVED
Smas REGISTERED SSIP Core Criteria
rpii

All dimensions are in millimeters, weights in kilograms and capacities in litres, are approximate and do not form any part of the contract. All prices are guide prices only and should be used for estimating purposes only. Broxap Limited reserve the right to change the design, specification or price of any item sold at any time. All prices exclude VAT and delivery. Please Note: All information on this data sheet is subject to orientation (N,S,E,W) altitude and proximity to buildings, but is sufficient for use as general/preliminary information).

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Design Standards

- All structures are installed to tolerances in NSSS 7TH addition – Accuracy in Building, by CRB checked, professional installation teams
- BS EN 1993-1-1:2005 Eurocode 3 – Design of steel structures
- BS EN 1991-1-3:2003 Eurocode 1 – Snow Loads

Fire Resistance

- Fabric conforms to Euro class EN13501-1

Guarantees, Warranties, Design-Life and Life-Expectancies

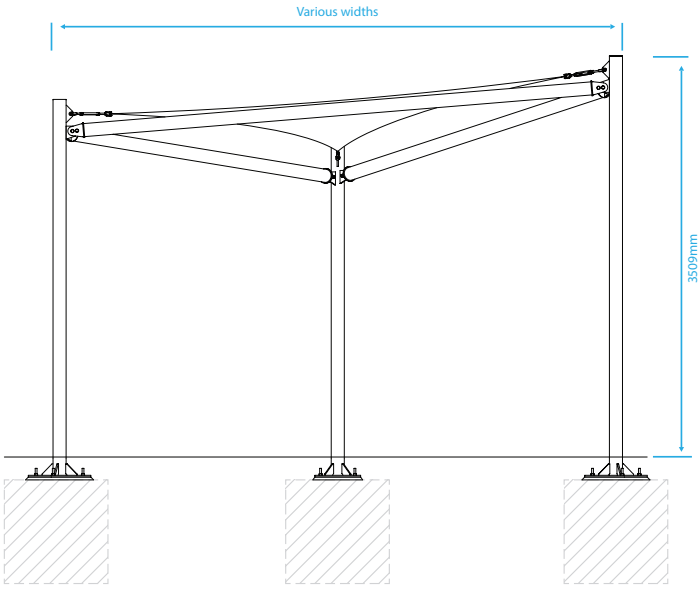
- 25 year structural guarantee*
- 34 year (min) life expectancy for Hot Dip Galvanizing
- 8-10 year life expectancy on standard powder coatings
- 10-15 year life expectancy on Duplex (Zinc Coated) powder coatings
- 10 years' warranty* Ferrari 832
- 12 months' warranty* on parts & labour

**Maintenance and other qualifying criteria apply*

Options

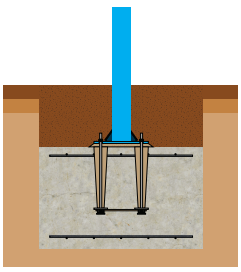
- Framework powder coated to any standard RAL colour
- Post protectors
- Bespoke shape & configurations available upon request
- Full Installation service

Diagram



Installation

Bolt Cluster
Cone Anchors



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