

# ABLE SHADE SAILS

## Data Sheet

Versatile, practical and easily maintained, Able Shade Sails offer extremely high levels of UV protection combined with strength and durability.



0800 389 9072

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### Dimensions:

<b>Sail Size:</b>	Up to 6m wide - standard fabric Up to 3m wide - dual colour fabric
<b>Sail Shapes:</b>	Square, rectangular and triangular
<b>Height:</b>	To your specification
<b>Spacing Between Posts:</b>	Up to 6 metres

### Features:

<b>Wall Mounted or Free Standing:</b>	Free standing
<b>Suitable for:</b>	Education   Hospitality   Leisure   Retail   Commercial   Healthcare
<b>Guarantee:</b>	Up to 10 year warranty against UV degradation for the fabric
<b>Life Expectancy:</b>	Up to 25 Years for the posts
<b>Maintenance:</b>	Requires only periodic cleaning
<b>Installation Type:</b>	Permanent
<b>Retractable/Removable:</b>	No
<b>Method of Fixing:</b>	Posts are installed into the ground with pad stones, the size of which depends on the size of the sails. The sails are installed around 4/6 weeks after the posts (depending on supplier lead time). This time allows the posts to cure and the sails to be made to measure.

### Frame Specifications:

<b>Construction Material:</b>	The posts are made from 8mm thick mild steel with a 168.3mm diameter
<b>Guttering:</b>	N/A
<b>Frame Finish:</b>	Galvanised as standard
<b>Colour Options:</b>	N/A
<b>Fixings:</b>	316 marine grade stainless steel fixings

### Roof Specifications:

<b>Roof Frame:</b>	N/A, marine grade fixings
<b>Roof Covering:</b>	Heavy duty, professional grade fabric made from UV stabilized HDPE monofilament & tape yarns Standard fabric: 340gsm knitted HDPE fabric Non-standard fabric: 350gsm knitted HDPE fabric
<b>UV Protection:</b>	89.3% - 97.4% of UV rays depending on the colour of the fabric chosen
<b>Light Transmission:</b>	Unavailable
<b>Strength:</b>	The standard shade sail fabric has a strength of 194N/ in warp and 282N in weft
<b>Colour Options:</b>	Available in a range of colours as shown overleaf
<b>Temperature Resistance:</b>	-30°C - +75°C

## International Standards:

### Fire Ratings:

The standard fabric has a flammability index of 1, ignitability index of 13, spread flame index of 8, heat evolved index of 3 and smoke developed index of 6. The dual fabric has a flammability index of 38, ignitability index of 14, spread flame index of 8, heat evolved index of 3 and smoke developed index of 4.



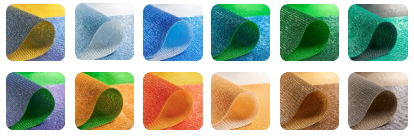
### Strength Tests:

The standard fabric has a tear strength of 194N in warp and 282N in weft. The dual fabric has a tear strength of 327N in warp and 245N in weft

### CE Marked

Yes to UKCA BS EN1090-1:2009+A1:2011

## Colour Options:

	Standard Colours	Non Standard Colours (Additional costs may apply)
Framework	Galvanised as standard 	N/A
Tensile Roof Covering	Standard colours: 	Dual colours: 

Triangle Sail

## Weather Protection:

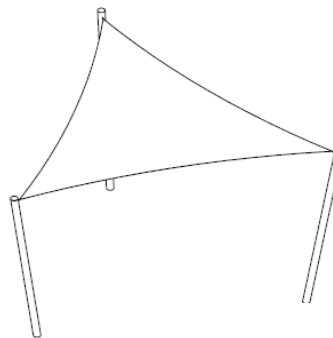


## Available Upgrades:

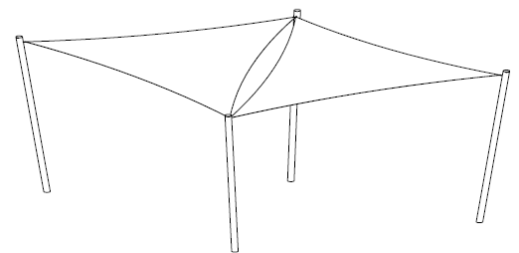
Post Pads	✓
Signage	✗
Polycarbonate Side & Front Fills	✗
Tensile Fabric Side Panels	✗
Rainbow Package	✗
Roller Shutters	✗
Coloured Polycarbonate	✗

## Technical Files Available:

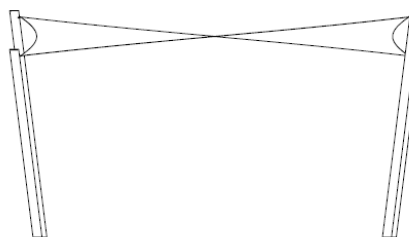
PDF CAD File	✓
DXF CAD File	✓
IGES CAD File	✓
STL CAD File	✓
BIM File	✓
NBS Spec	✓



Array Sail



Square Sail



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