



**Grower's Solution**

Your Online Greenhouse & Nursery Supplier

1-931-528-3390



## ShadeSail Instructions

Produced by Grower's Solution

If you have any questions or comments, feel free to contact us.

Phone: 1-931-528-3390

Toll-Free: 1-866-928-3390

Fax: 1-775-640-4505

[crf@growerssolution.com](mailto:crf@growerssolution.com)

or visit us at:

[www.growerssolution.com](http://www.growerssolution.com)

More information and tutorials are available at:

[www.growerslearning.com](http://www.growerslearning.com)

# SHADE SAIL

## INSTALLATION INSTRUCTIONS

### BUILDING APPROVAL

Prior to installation, check with local authorities (Council) for any relevant building regulations which may exist.

### SUITABLE LOCATION

Before you commence installation it is very important that you consider the most suitable location for your shade sail/s. Take into account the following:

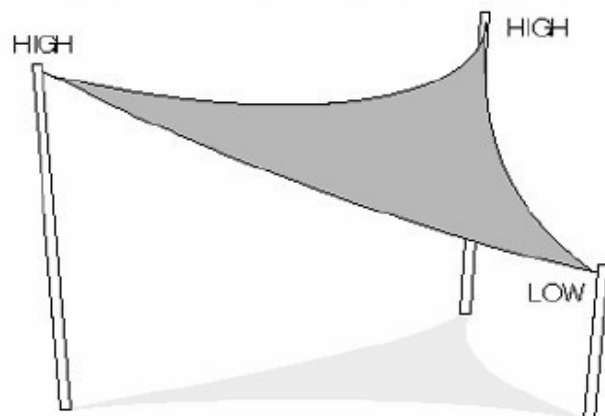
- Size of the shade sail/s
- Strength of existing structures intended to be anchor points.
- Ability to insert fixing posts
- Location of barbecues, sun direction, high wind areas, electrical/telephone cables, water pipes, etc

There could be other factors, specific to your situation, which may require consideration.

### POSSIBLE SAIL CONSTRUCTIONS

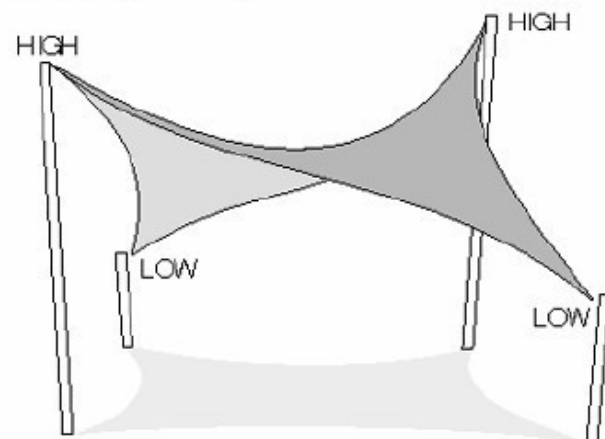
#### Resort Style (Triangle Sails)

For a Resort style effect we recommend you construct your triangle sail with one end at a low point and two ends at higher points.



#### Hyperbolic Style (Square Sails)

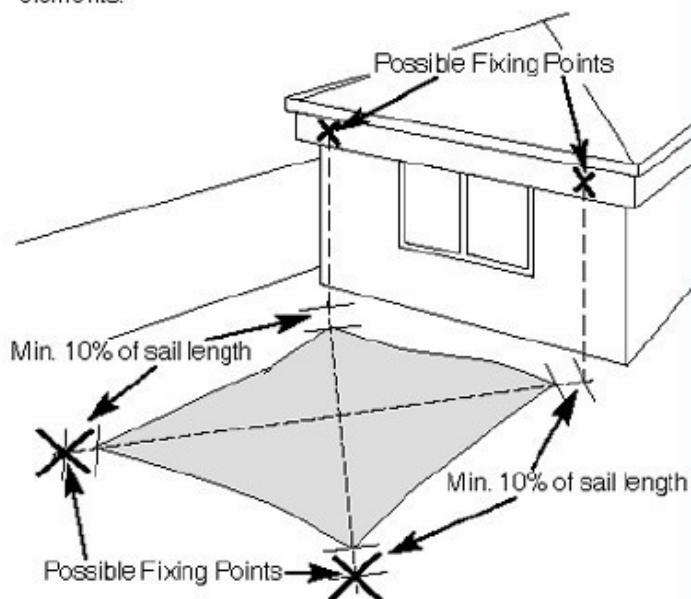
For a Hyperbolic style we recommend you construct your sail with two diagonal ends at a high point and the other two ends at diagonal lower points.



When establishing your sails lower points, make sure they are suitable for water run-off.

### DETERMINING THE CORRECT FIXING POINTS

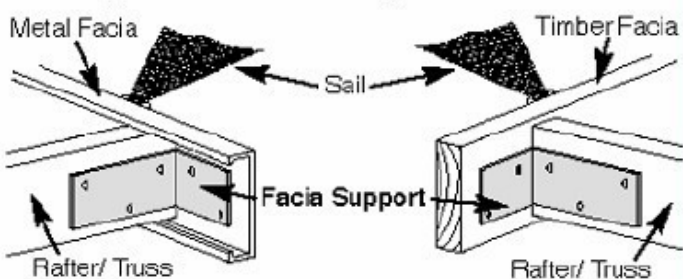
Once you have identified the location for your shade sail/s it is important to determine the most suitable fixing points for the sail's corners. Some of these fixing points could already exist. (E.g. pergola, sundeck, large tree, fence post or fascia). This stage of installation is critical. You should ensure all fixing points are structurally sound and if unsure about fixing points, obtain independent advice from a builder or engineer. A fixing height of at least 2.4m is suggested. In area to be erected Layout sail in a relaxed state to determine suitable fixing points. Allow a minimum of an additional 10% of sail length between each fixing point and the end of the Sail's fixing accessory for tensioning. Consider relevant building regulations, sun direction and surrounding hazardous elements.



### EXISTING SUPPORTS

#### Attaching to Facia

If you intend to fix your shade sail to a fascia, the use of a Facia Support is strongly recommended. The Facia Support is used to connect the overhangs of rafters or trusses to facias giving strong connection between the two and improving strength. Facia Supports are available from your local hardware outlet.



#### Attaching to Trees

We recommend that the fixing of shade sails to trees be for **TEMPORARY USE ONLY**. The diameter of the tree where the sail will be fixed must be at least 250mm.