



## SUN-SHADE SAIL

### INSTALLATION

#### BUILDING APPROVAL:

Prior to installation of a Shade Sail, it is good to check with local authorities (Council) for any relevant building regulations which may exist.

#### SUITABLE LOCATION:

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

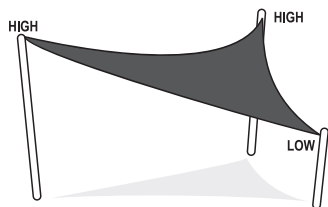
- Size of the shade sails
- Strength of existing structures intended to be anchor points
- Location of barbecues, sun direction, high wind areas, electrical/telephone cables, water pipes etc.

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

#### POSSIBLE SAIL CONSTRUCTIONS

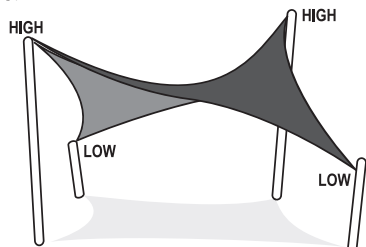
##### Resort Style (Triangular Sail):

For a Resort Style effect we recommend constructing the triangle sail with one end at a low point and two ends at higher points.



##### Hyperbolic Style (Square Sail):

For a Hyperbolic style we recommend constructing the sail with two diagonal ends at a high point and two ends at diagonal lower points.

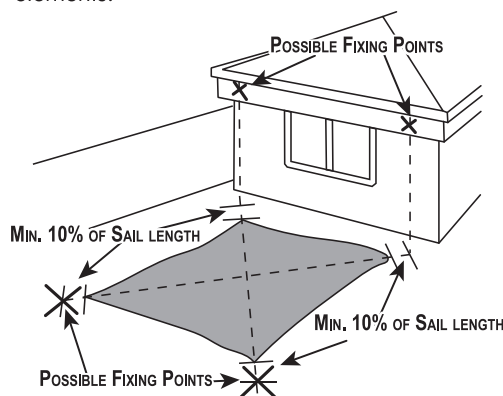


When establishing the sails' lower points, make sure they are suitable for water run-off.

#### DETERMINING THE CORRECT POINTS

Once you have identified the location for your shade sail(s) it is important to determine the most suitable fixing points for the sails' corners. Some of these fixing points could already exist (E.g. pergola, sundeck, large tree, fence post or fascia).

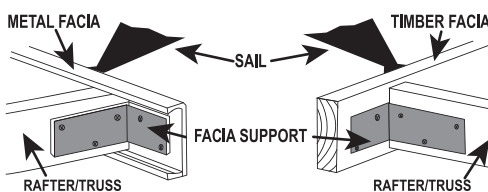
This stage of installation is critical. You should ensure all fixing points are structurally sound, and if unsure about fixing points, obtain secondary advice from a builder or engineer. A fixing height of at least 8 ft. is suggested. In the chosen area, lay out the sail in a relaxed state to determine 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 Fascia:

If you intend to fix your shade sail to a fascia, the use of a Fascia Support is strongly recommended. The Fascia Support is used to connect the overhangs of rafters or trusses to fascias giving strong connection between the two and improving strength. Fascia 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 10 inches.

#### ATTACHING THE SAIL

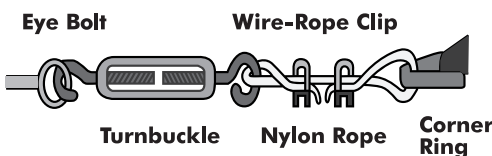
The following hardware, suitable for the most common fixing points and materials is included for your convenience and easy fixing of you sail.

**Important: At least TWO of the sail's fixing accessories must be tensioning devices.**

	<b>Turnbuckle:</b> Tensioning Device to attach the nylon rope to the eye bolt (1 piece/corner)
	<b>Drop-In Anchor:</b> In combination with the eye bolt (1 piece/corner)
	<b>Eye Bolt:</b> In combination with the drop-In anchor or plain washer/nut, depending on fixing point (1 piece/corner)
	<b>Plain Washer - Hex-Nut:</b> In combination with the eye bolt (2 pieces each/corner)
	<b>Wire-Rop Clip:</b> To securely adjust and attach the nylon rope to the corner ring and the turnbuckle (2 pieces/corner)
	<b>Nylon Rope:</b> To connect corner ring and turnbuckle (9 ft./corner)

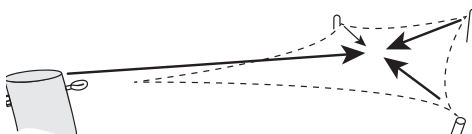
Additional fixing accessories, such as D-shackles, pad eyes, S-hooks, snap hooks, strap tensioner, etc. are available at your local hardware outlet.

#### Sample Configuration



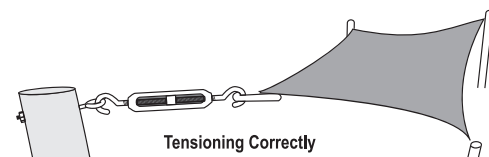
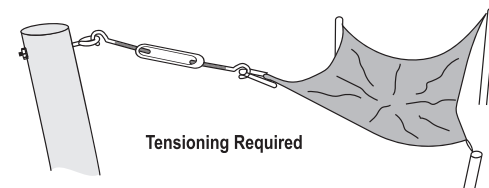
#### CONNECTING THE SHADE SAIL

Connect fixing accessories to mounting points as required. Ensure all accessories face towards the middle of the sail and tightly secured.



#### Tensioning:

Connect all points, using a strap-tensioning tool if necessary to gain increased leverage. Stop tensioning when the shade sail is rigid with a little or no creases.



#### CARE INSTRUCTIONS:

Your sail can be cleaned using a solution of a mild detergent and water. Apply the solution with a sponge or soft brush and let it soak for 10 minutes. Rinse thoroughly with water. **DO NOT** machine wash!

#### WARNING

Your Sail is designed to provide UV protection and comfort in domestic areas. When fixing your sail, ensure all mounting points are structurally sound and all fixings are secured tightly. Inspect regularly. Avoid exposure to aggressive chemicals, e.g Chlorine, as it might result in a premature breakdown of the fabric. Keep fire and open flames away from the sail. Do not use your barbecue under the sail. Temporarily remove the Sail during strong wind conditions.

#### Disclaimer:

These instructions are to be used as a guide only. Installation requirements can vary depending on factors such as soil types, anchor points, wind conditions in your region, etc. The manufacturer accepts no responsibility for installations. If you are unsure about your specific installation requirements, please consult with a qualified builder or engineer.