



COLLECTION

Shade Sail

Installation Guide



HeatShield
Commercial Grade
Designer Series

Installation

SELECT YOUR POST

Galvanised steel or treated pine are acceptable post materials. Use TABLE 1 to determine the most suitable pole size and footing for your installation.

TABLE 1

Sail Type (m)	Sail Fixing Height (m)	Treated Timber Post (mm)	Square Steel Post (mm)	Footing (mm)	Post Length (m)
Triangle Sails				Diam. = 450mm	
3 x 3	2	125/F17	100 x 3	800	2.9
	2.5	125/F17	100 x 3	900	3.5
	3.5	150/F17	100 x 4	1200	4.8
3.6 x 3.6	2	150/F17	100 x 3	800	2.9
	2.5	150/F17	100 x 3	900	3.5
	3.5	150/F22	100 x 4	1200	4.8
5 x 5	2	150/F22	100 x 3	900	3.0
	2.5	150/F22	100 x 3	900	3.5
	3.5	200/F22	100 x 4	1200	4.8
Square Sails				Diam. = 450mm	
3 x 3	2	150/F17	100 x 3	800	2.9
	2.5	150/F17	100 x 3	900	3.5
	3.5	150/F22	100 x 4	1200	4.8
3.6 x 3.6	2	150/F17	100 x 3	800	2.9
	2.5	150/F17	100 x 3	900	3.5
	3.5	150/F22	100 x 4	1200	4.8
5.4 x 5.4	2	150/F22	100 x 3	0.9	3.0
	2.5	150/F22	100 x 3	0.9	3.5
	3.5	200/F22	100 x 4	1.2	4.8
Rectangle Sails				Diam. = 450mm	
5 x 3	2	150/F17	100 x 4	1.1	3.2
	2.5	200/F17	125 x 4	1.2	3.8
	3.5	200/F22	125 x 5	1.4	5.0

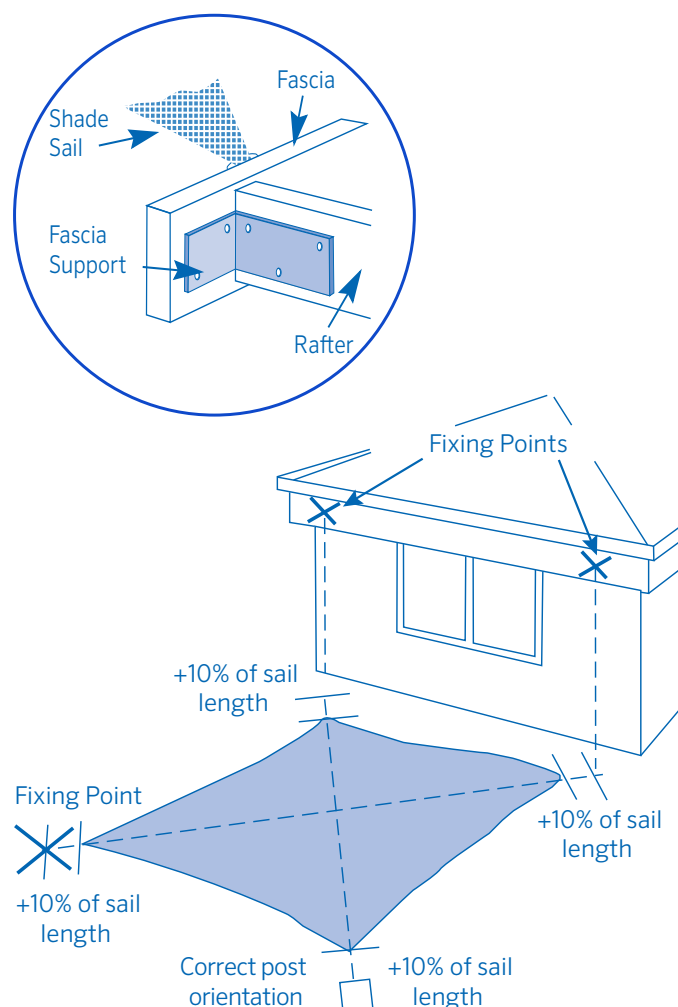
FIXING POINTS

Ensure all fixing points are structurally sound.

Lay the sail out in the area it is to be installed. We recommend allowing an additional 10% of the sail length on each corner for accessories and fabric stretch.

If installing posts, ensure your measurements take into account the outward tilt required for each post. Confirm this before digging your post holes.

If attaching to a fascia use a fascia support to transfer the load to the primary roof structure. These are available from most hardware stores.

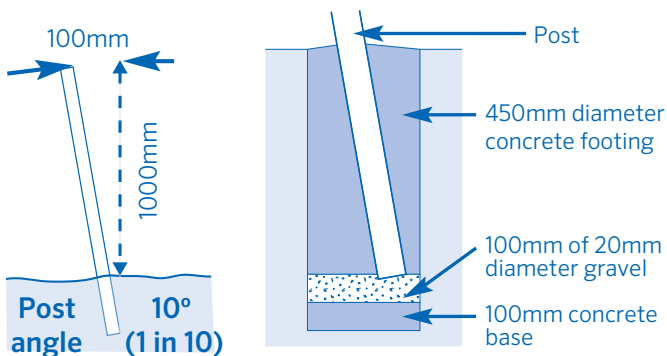


INSTALLING POSTS

Pour 100mm depth of concrete at the bottom of the hole to provide a solid pad and allow to set.

With the posts tilting on a 10° angle (1 in 10), away from the centre of the sail, add 100mm of 20mm diameter gravel and temporarily brace it into position.

Pour concrete to the top of the footing hole and ensure it is packed well.



To enable suitable water run-off the height difference from the low points to the high points should be at least 16% of the longest side. Refer to TABLE 2.

TABLE 2

Regular Shade Fabric	
Longest Side	Height Difference
3m	0.5m
3.6m	0.6m
5m	0.8m
5m	0.8m
5.4m	0.9m
6.5m	1.0m

ACCESSORIES TO ASSIST YOUR INSTALLATION

Accessories	Colour	Size	Material	I/N AUS	I/N NZ
Turnbuckle	Silver	210-300 x 33mm	Stainless Steel 316	3301712	0300807
D Shackle	Silver	47 x 32mm	Stainless Steel 316	3301720	0300810
Pad Eye	Silver	80 x 50mm	Stainless Steel 316	3301738	0300819
S Hook	Silver	74 x 62mm	Stainless Steel 316	3301885	0300823
Eye Bolt	Silver	30 x 170mm	Stainless Steel 316	3301893	0300825
Snap Hook	Silver	80 x 40mm	Stainless Steel 316	3301940	0300827
Strap Tensioner	Black	25 x 4.6m	Stainless Steel 316	3303065	Not stocked

ATTACHING THE SAIL

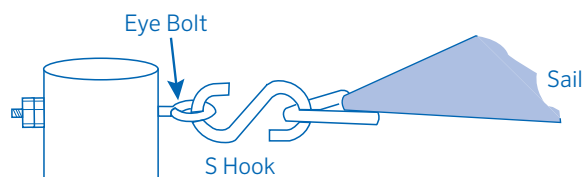
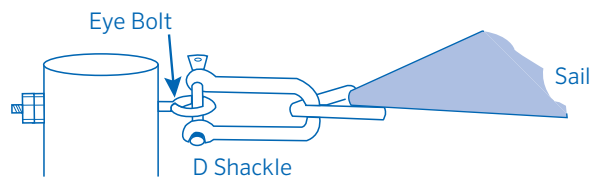
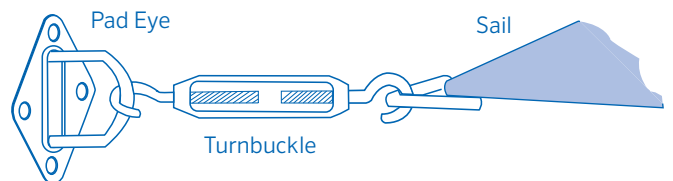
Ensure all fixing points are structurally sound and fixings are tightly secured.

Ensure that at least two of the sail's fixing points include a turnbuckle for tensioning purposes. A Coolaroo Strap Tensioning Tool will assist in drawing the shade sail toward the post for easier connection.

You can also use chain to extend your shade sail to a fixing point, if required.

Select the fixing accessories that best suit your installation.

Stop tensioning when the shade sail is rigid with little or no creases and does not sag. Avoid over-tensioning as this will put unnecessary stress on fabric and stitching.



SEE VIDEO



This information is to be used as a guide only. Installation requirements can vary depending on factors such as soil types, anchor points, wind conditions, local planning and building regulations etc. Before commencing your installation you should consult a qualified builder or engineer and contact your local council to ensure you are meeting all structural and legal requirements for a safe and long-lasting shade structure.

Effective UV Protection

While creating a shade environment goes a long way towards protecting yourself from harmful UV rays it should not be used as the sole source of sun protection. UV rays can penetrate through many objects that cast a shadow and can also reflect off surfaces such as sand, glass, water and snow. For this reason, it is important to follow sun smart guidance from the Australian Cancer Council in always wearing sun protective clothing (including a hat and sunglasses) and applying appropriate sunscreen, when spending time outdoors. This will ensure the most effective protection for your skin.

Care Instructions

Inspect your shade sail regularly and re-tension as necessary to remove any slack. Your shade sail(s) may be cleaned at any time using a solution of mild detergent and water. Apply the solution with a sponge or a very soft brush. Let the solution stand on the fabric for 10 minutes and then rinse thoroughly with water from your garden hose.

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April 2026