

What shape should my shade sail be?

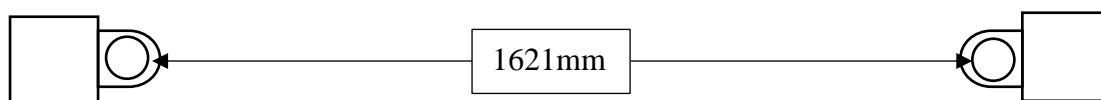
- The more attachments points for your shade sail the greater the coverage. Your shade sail can be anywhere from a 3-point sail to an infinite-point sail, where you can place your attachment points often determines how many, but a general guide is one every 3m.
- Triangular (3-point) sails need to be carefully considered as their shape and coverage can be vastly reduced due to the scalloped (curved) edges of the sail.
- Shade sails can be attached to the fascia of a building, on top of the roof, connected to posts or attached to a frame.

What posts and attachment points can/should I use?

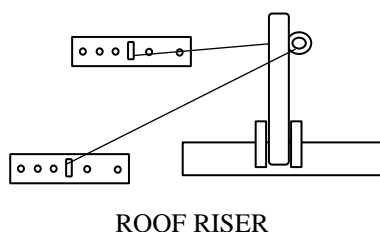
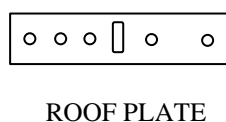
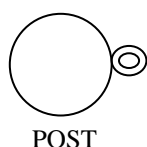
- The size of the posts you should use depends on the size of your cover and whether it is waterproof or shade cloth. The bigger the cover, generally the larger size posts required or in greater quantity. 125NB round posts are the standard Pickers starts with and alters depending on the project.
- The difference in height between attachment points is very important when doing a waterproof cover. For every 5m there should be at least 1m of fall.
- All your roof plates, raisers, wall fittings and posts can be purchased from Pickers separately or be included as part of your quote. We have standard sizes and recommendations unique to each project you undertake.

Taking Measurements for your Shade Sail

- Measure as accurately as possible – do not round up or down – provide your measurement to the nearest millimetre
- Measurements should be displayed as millimetres e.g. 10.243m = 10243mm
- Your measurement should be from the attachment point to attachment point (eyebolt connected to post – where your sail attaches)
- Select one attachment point and mark as number 1 (flag, tape, draw on)



Attachment Points



SHORTHAND

P

R/P

R/R

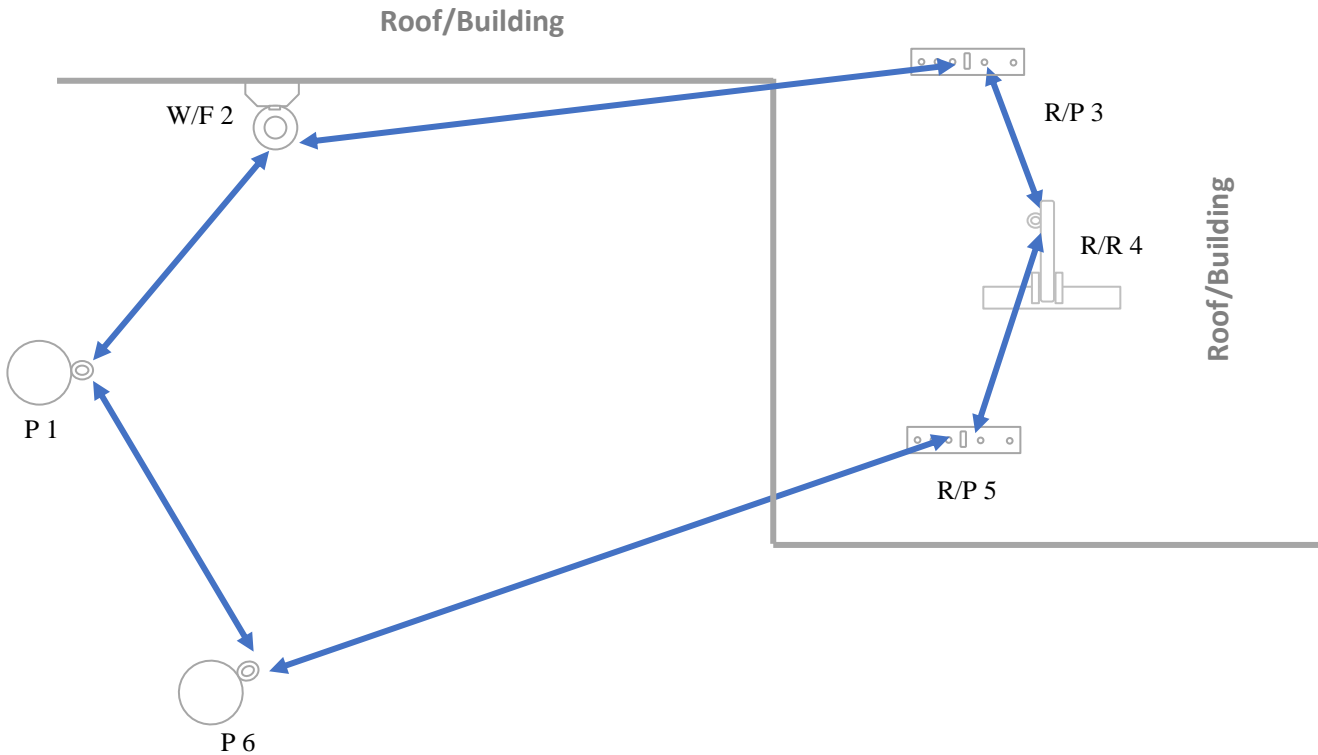
W/F

Measuring Diagram

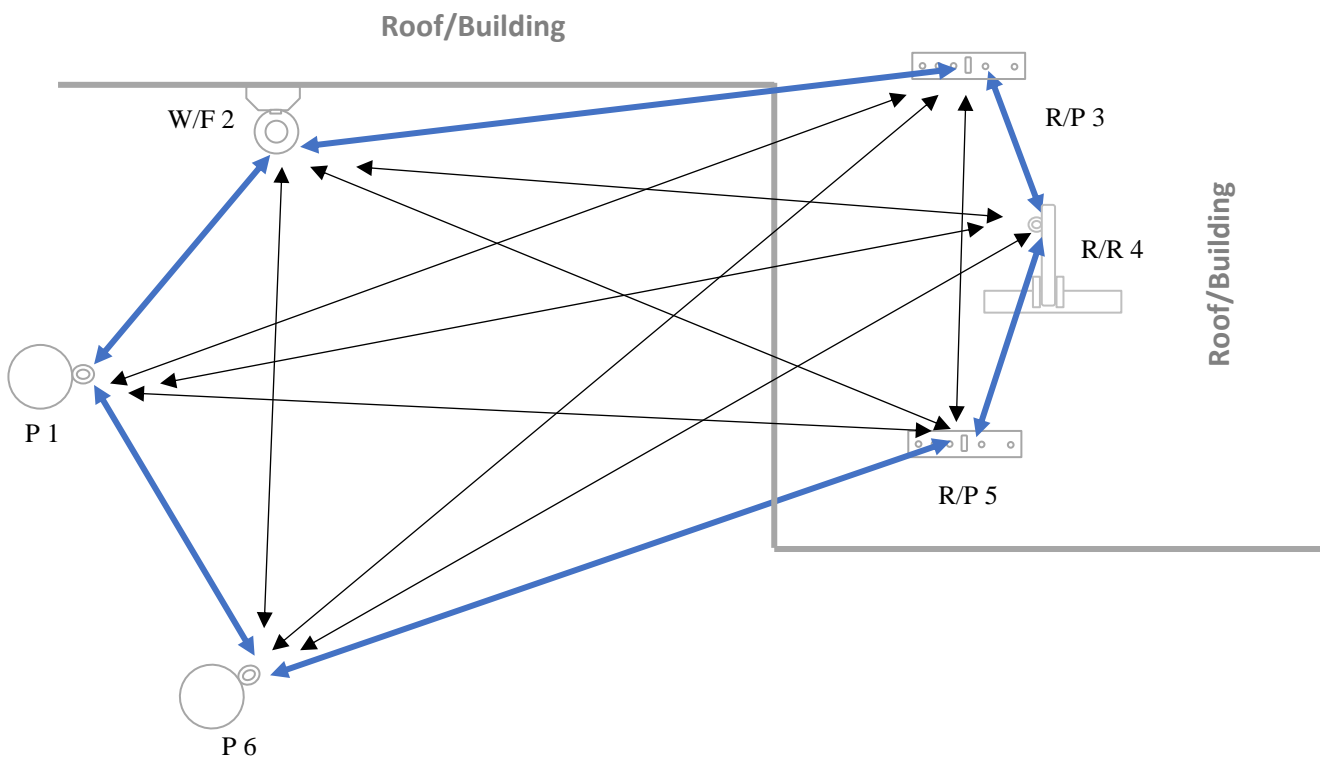
Step 1: Draw a diagram of your attachment point positions and number each (work clockwise from attachment point 1)

POST 1 = P1

Step 2: Measure between each post and add these measurements to your diagram from attachment point to attachment point (e.g. eyebolt in post)



Step 3: Measure your diagonals from one post to all other posts from attachment point to attachment point (e.g. eyebolt in post)



If the diagram becomes a little hectic, try using a table:

From attachment point	To attachment point	Measurement
1	3	1600mm
	4	
	5	
	6	

Fittings

- Using your own fitting? What type are the fittings you are using? E.g. turnbuckle, bottle screw, toggle bolt, rope – If unsure take a photo and send to us
- What is the measurement of your fitting? E.g. M12 or length minimum and maximum (300mm min. 500mm max.)



Bottle Screw



Toggle Bolt



Open Turnbuckle

Special Note:

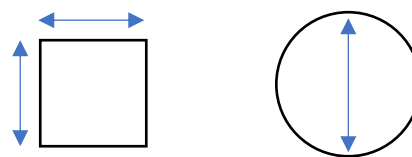
Pickers Vinyl and Canvas does not recommend using open hook turnbuckles as they often come off in the heavy winds experienced in the Far North region.

Posts

- What are they made of? E.g. steel, wood
- What is their shape?

Round – Diameter: _____mm

Box - _____mm x _____mm



Post heights can impact your measurements, for your replacement sail to be accurate we require your post heights – this measure should be from the ground to the shackle point:

Post	Height
1	2.5m above ground
2	3.5m above ground