

POINTS TO CONSIDER BEFORE INSTALLING A SHADE SAIL

Shade sails can be used in both domestic and commercial applications. Installing shades over your swimming pool, patio, outdoor entertainment areas and carport are now very popular in a domestic setting. Commercial uses for shade sails and structures include applications such as childcare centres, car park shade, smokers' areas and cafe eating areas.

If you are considering installing a shade sail at your home or business, there are some factors you should take into consideration. It is important that these factors are thought through carefully to ensure you receive the best product possible. Home or business owners purchasing a shade sail should be aware that there are not only varying levels of quality but also variations in the quality of installation methods.

Here are a few points to consider before purchasing or installing a shade sail:

BUILDING APPROVAL

Always check with local authorities (council) for any relevant building regulation before installing any shade sail.

LOCATION

Note the direction of the sun during the time you need the most shade. Make sure that the shade sail you have chosen will fit the desired space. Consider any dangers or obstacles such as power wires, water pipes and barbecues etc.

ENVIRONMENT

Take into account your local wind conditions, speed and direction. Also consider surrounding environment like trees etc.



DESIGN

Shade sails look spectacular when designed properly. Be sure to spend some time planning the entire project before commencing.

Height differences are an important factor when designing a shade sail – alternating high and low points will keep your sail tight for longer and boost the visual impact.

Overlap sails to get full shade coverage – all shade sails must have curved edges to provide tension.

Remember to allow for turnbuckles. As a general rule of thumb, allow 250mm to 300mm on a corner with a turnbuckle.

Doors/windows/bi-folds still need to open and shut – make sure that your shade sail can sit well above the top of any opening. Also consider things like downpipes and lighting.

QUALITY OF INSTALLATION

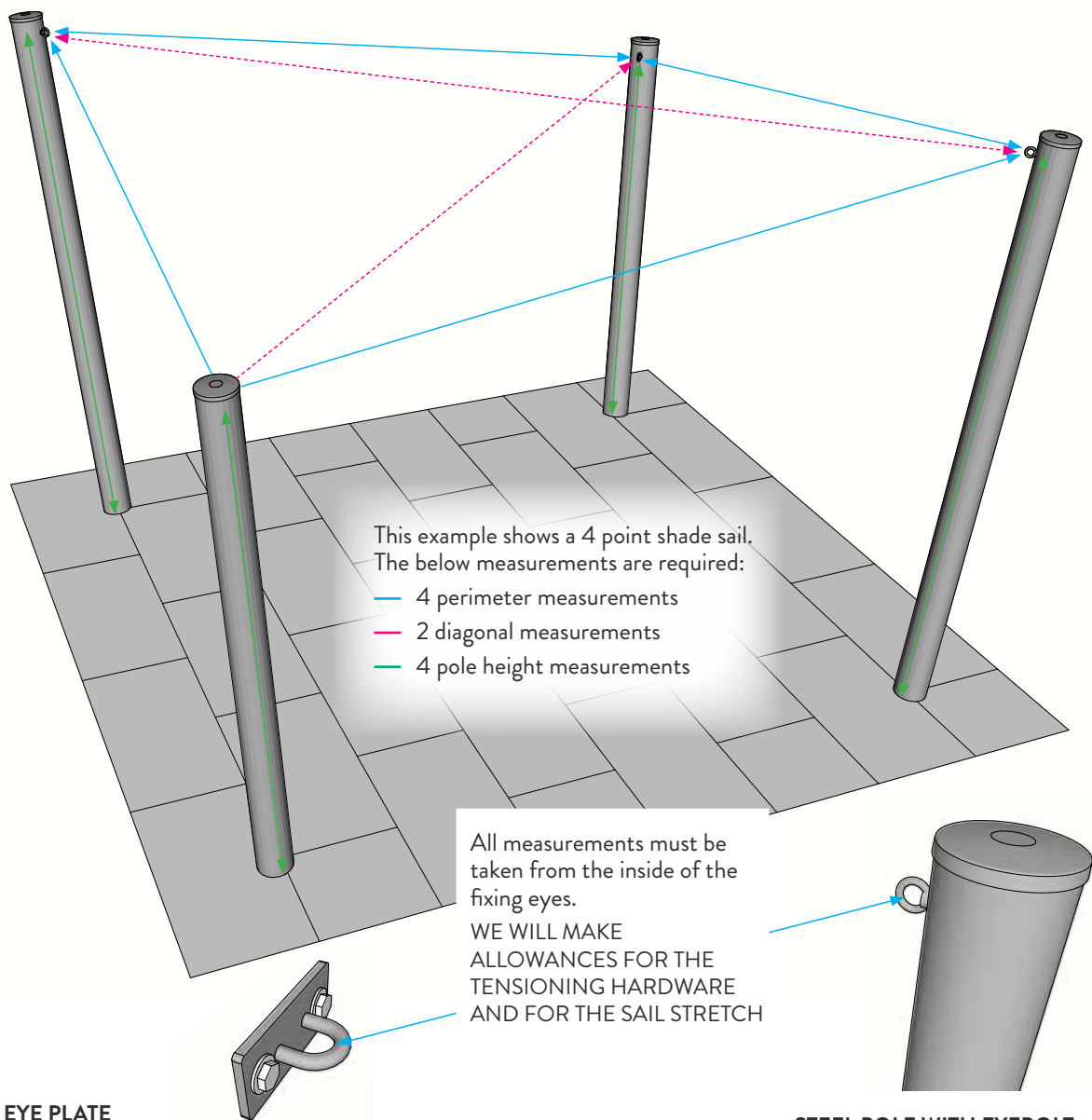
The depth of post footings, strength of fittings, how fittings are fixed to walls are all things look at when installing your shade sail. Installation quality of your shade sail is not an area to try to save money in. It will result in a loose or saggy shade sail or worse, a shade sail that could come loose and tear or break away. It is well worth spending a little more time and money to ensure your sail is installed correctly the first time round – then you can sleep easy knowing that no harm will come to it.



MEASURING INSTRUCTIONS FOR SHADE SAIL

ALWAYS INSTALL YOUR POLES AND ACCURATELY LOCATE ANY OTHER FIXING POINTS BEFORE MEASURING UP FOR A CUSTOM MADE SHADE SAIL. Custom made sails are specifically manufactured to fit your site, they can be made to almost any shape or size, so ensure all your fixing points are established before measuring your shade sail.

Measuring your shade sail is a critical part of the project. Make sure you take accurate measurements and double check them all while on site. You must have all poles installed first. We also recommend all eyebolts and any other eye plates are installed too. (It is possible to mark where your eye plates will be attached and measure to that mark, but you must be sure the eye plate can fasten at that exact point. This must be noted on your plan).



This example shows a 4 point shade sail. The below measurements are required:

- 4 perimeter measurements
- 2 diagonal measurements
- 4 pole height measurements

All measurements must be taken from the inside of the fixing eyes.
WE WILL MAKE ALLOWANCES FOR THE TENSIONING HARDWARE AND FOR THE SAIL STRETCH

EYE PLATE

These are used to fix to beams and walls etc. There are various types of eye plates, choose to suit your application.

STEEL POLE WITH EYEBOLT

A K580 stainless steel eyebolt can be used as a fixing eye on a steel pole.

SHADETEX SAILS ORDER FORM FOR CUSTOM MADE SAILS

All custom made shade sails must be ordered using the paper copy Shadetex Sails Order Form or the online Order Form at www.shadetex.com, this ensures as many details as possible are captured. Shade sails can be complex to measure and manufacture so be sure to communicate all of the site details so your shade sail is made perfectly.

Below is a checklist showing the main steps to fill out an order form. There is a separate order form for each shape shade sail eg. 4-point Sail, 5-point Sail etc. Alternatively you can use the online order tool (dealers only).

JOB REFERENCE

- Use a reference name, address or order number to identify your shade sail order
- Record the Sail #, this is important if you are ordering more than shade sail for the same site

SHAPE AND SIZE

- Draw a sketch of the shape of your shade sail. Label each corner A,B,C etc in clockwise direction
- Add some notes like; North, fence or tree etc. So you know which way round it goes when you are installing

EDGE DETAILS

- Does your shade sail have a track edge?
- Do you require a mid-point? (this is where two sails beside each other might join to each other mid span)
- Would you like standard curves on the edges or do some curves need to be deeper?

HEIGHTS AND FIXINGS

- Take the height of each fixing point. These can be from level ground or a datum line.
- Are your fixing eyes in place?
- Are your fixing eyes horizontal or vertical?
- Is the shade sail fixing to a post or to a building?

FABRIC AND COLOUR

- Choose your fabric type and colour.

STYLE

- Choose your style. Eg. Webbing or Wire Edge.

HARDWARE

- Choose the hardware that you require at each corner point.

NOTES

- Add notes and attach photos of the site. You can also attach other plans or diagrams.

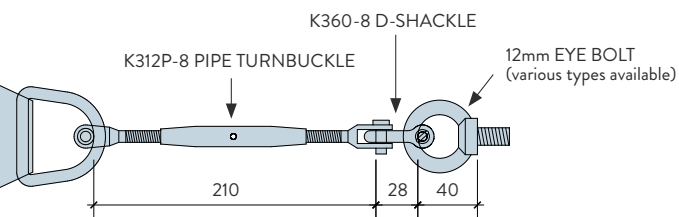


STANDARD CORNER FITTINGS WEBBING EDGE SHADE SAIL

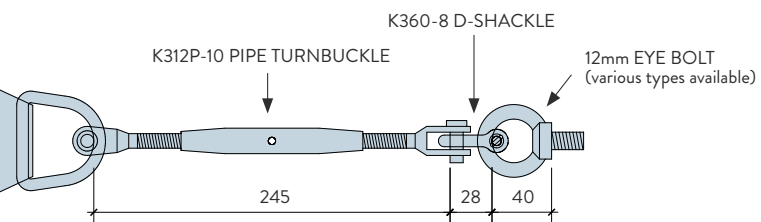
The guide below shows the fittings we suggest using to fix and tension your Webbing Edge Shade Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application.

NOTE: THIS IS AN INDICATIVE GUIDE AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER.

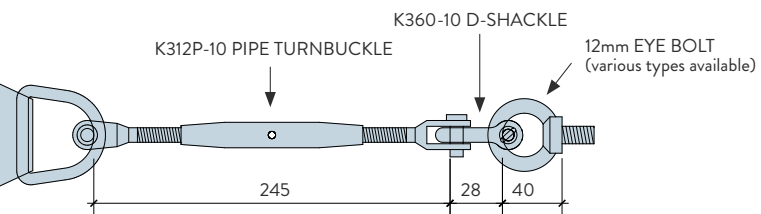
SMALL SHADE SAILS 9m - 17.99m PERIMETER



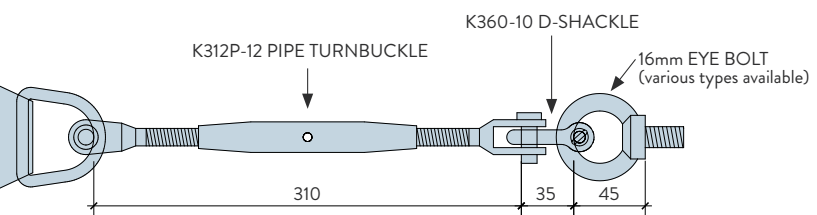
SMALL / MEDIUM SHADE SAILS 18m - 24.99m PERIMETER



MEDIUM SHADE SAILS 25m - 31.99m PERIMETER



LARGE SHADE SAILS 32m - 41.99m PERIMETER



EXTRA LARGE SHADE SAILS Over 42m PERIMETER

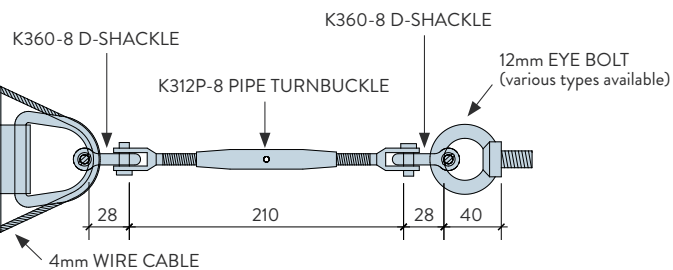
Fittings for extra large shade sails should be selected carefully. If you are unsure, seek professional advice.

STANDARD CORNER FITTINGS WIRE EDGE SHADE SAIL

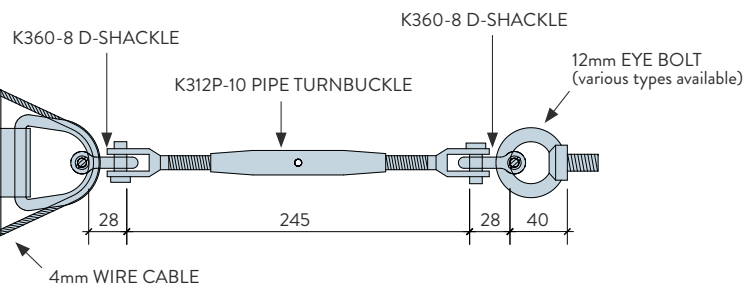
The guide below shows the fittings we suggest using to fix and tension your Wire Edge Shade Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application.

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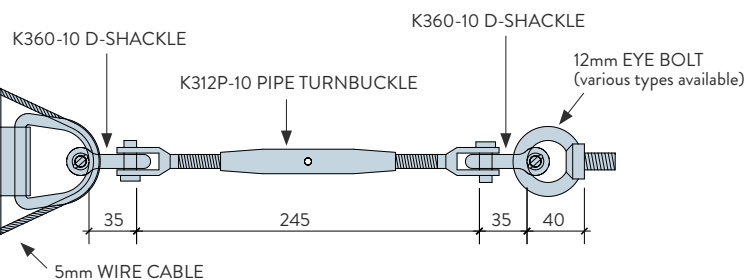
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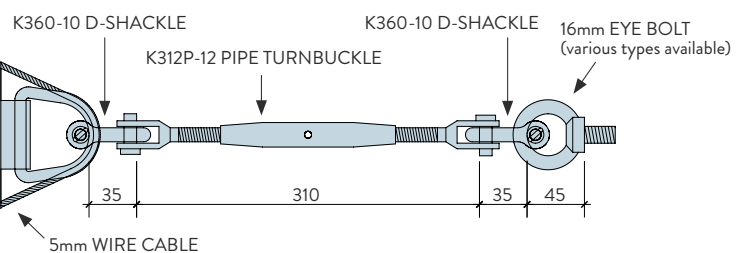
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