

Shade Sail Pole Installation

TOOLS REQUIRED

- Spade
- Spirit Level
- Tape Measure



- 1 IMPORTANT:** Ensure you carefully read our Shade Sail Pole Specifications (download at www.straitline.co.nz/shadesails or email us) before beginning installation.

Mark out where you want to position the poles and dig the hole (Steel Pole: 450mm diameter, Timber Pole: 600mm diameter), to the required depth. Remember the shade sail will begin around 200mm from the poles.

- 2** Position each pole in a hole. The pole base should be slightly offset in the hole towards the direction of pull (i.e. towards where the centre of the shade sail will be), not centred, to allow for a 5° lean (see step 4).

Check the eyebolt is facing in the correct direction. The easiest method is to stand where the centre of the shade sail will be and check all the eyebolts are pointing towards you.

- 3** Pour concrete into each hole, around the pole (we recommend 20MPA concrete from a professional concrete supplier). Fill the holes to within 100mm of the surface.

If the hole is surrounded by existing concrete, fill until slightly higher than the surrounding concrete, then trowel to create a slight slope away from the pole (to ensure water drains away and doesn't pool around the pole).

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4 Align the poles within 30 minutes of pouring concrete. The pole should lean at 5° , away from the direction of pull (as shown), but should be level and straight in the other direction.

To check, stand so the eyebolt is facing towards you. The pole should lean at 5° away from you, but should not be leaning to either side.

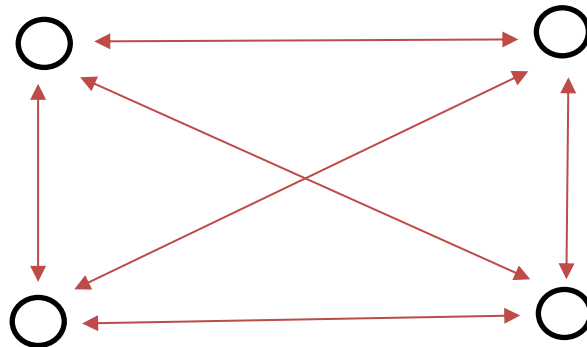


5 Fill in the remainder of the hole with dirt. Make sure the dirt is slightly sloped away from the pole, to prevent water pooling by the pole (which will damage the pole over time).

If any pole is surrounded by existing concrete, check to make sure the trowelling from step 3 will drain water correctly.

6 Take measurements for the shade sail (as shown) and email them to Straitline Canvas at admin@straitline.co.nz for manufacture. We require all side measurements and diagonal 'cross measurements' between the poles. **All the measurements need to be from eyebolt to eyebolt.**

Allow at least 72 hours for the concrete to set before installing a shade sail.



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