



SHADE SAIL INSTALLATION INSTRUCTIONS



SQUARE

- 200x200
- 300x300
- 360x360
- 400x400
- 500x500
- 600x600
- customization



RECTANGLE

- 200x300
- 200x400
- 300x400
- 300x500
- 350x500
- 400x500
- customization



TRIANGLE

- 200x200x200
- 300x300x300
- 360x360x360
- 400x400x400
- 500x500x500
- 600x600x600
- customization



SCALED TRIANGLE

- 250x300x350
- 300x350x400
- 350x400x450
- 400x450x500
- 400x500x550
- 450x500x550
- 500x550x600



TRIANGLE 90°

- 300x300x420
- 300x400x500
- 400x400x570
- 400x500x640
- 500x500x710
- 500x600x780
- customization

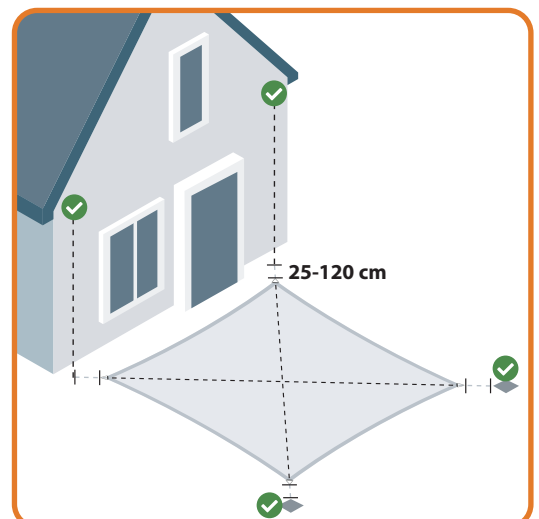
Anyone can design and install a Shadow Comfort shade sail simply by following the precautions and basic rules that we will specify as clearly as possible in the following.

1) DETERMINE WHERE TO INSTALL THE SHADE SAIL

It is important that you determine exactly where you want to install your Shadow Comfort shade sail before you start with the installation process.

Bear the following points in mind:

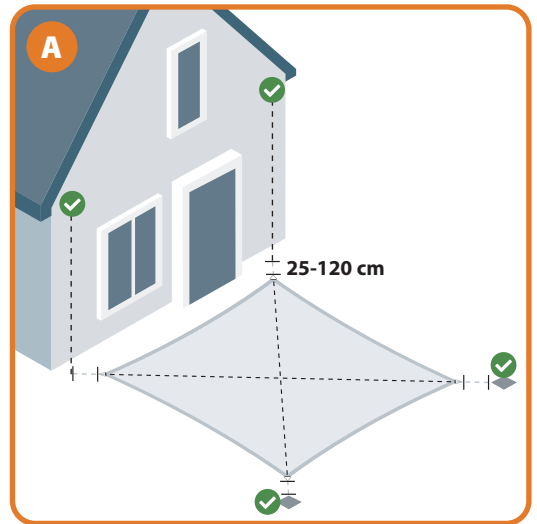
- ✓ Shade sail dimensions + a tensioning margin of at least 25cm at each corner
- ✓ Height of outward-opening doors
- ✓ Structural strength of the mounting points (stone wall or wood, for example)
- ✓ Where to place the mounting posts that may be necessary
- ✓ Position of the sun at different times of the day



2) DETERMINE THE MOUNTING POINTS

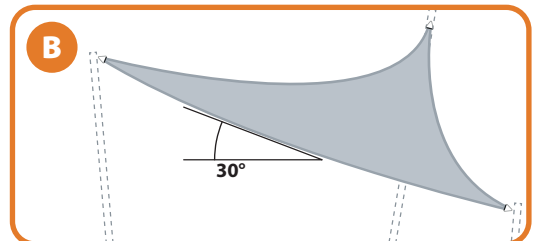
A Spread the shade sail out on the floor where you want shade and choose the most ideal mounting points for the corners. Possible mounting points include a wall, a post, or even a tree. What is important is that the mounting points be strong and stable, and that they point to the centre of the shade sail. This is important because the mounting points have to withstand the force exerted from the centre of the sail to the mounting points.

Leave at least 25cm of space between each shade sail corner and the mounting point to allow for a tensioning margin. Measure from a top-view perspective while the sail is spread out flat. You can use a stainless steel chain or cord to span a larger distance between a mounting point and the shade sail. We recommend not to make such an extension longer than around 120cm.



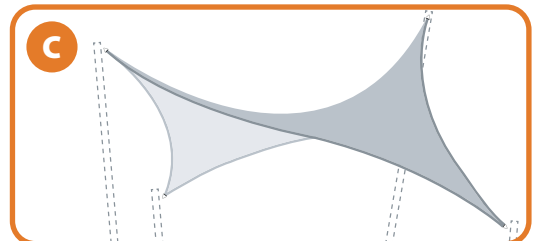
Waterproof shade sails

Hang the shade sail with a 30% slope **B**. The advice is to factor in a height difference of 30cm per 1m of shade sail length, so that rainwater will run off the sail without stagnating. Water accumulations on the shade sail must be prevented at all times.



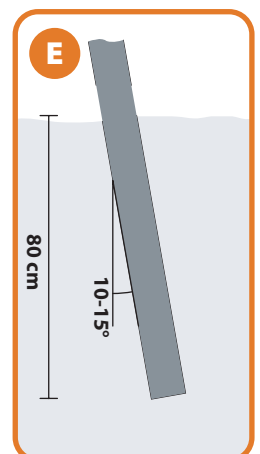
Porous shade sails

These porous shade sails can be hung either with a slope or horizontally. Porous shade sails let you create several playful variations. You can, for example, attach one diagonal of a square shade sail to high mounting points and the other lower down to create a hyper/saddle roof effect **C**.



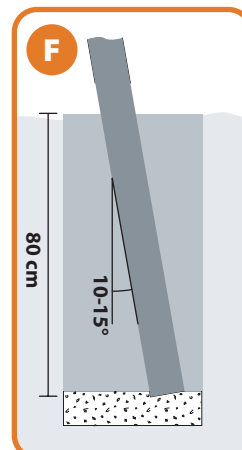
Using posts

If you need one or several posts to mount your shade sail, you can go for a sturdy post. Use a post of at least 9x9cm and 3 metres long. Shadow Comfort's aluminium track system **D** makes it extremely easy to adjust the height of your shade sail. We recommend driving the post roughly 80cm **E** into the soil using an earth auger. Posts should preferably be inserted into the soil at an angle of between 10 to 15 degrees. You could also use a strong tree as a mounting point.



Foundation - concrete

We recommend placing the posts in a (fast-setting) concrete footing **F**. Dig a hole of around 40x40cm and 80cm deep where you want the post to go. Place a thick paving slab on the bottom of the hole or sprinkle a 10cm layer of pebbles. Next, mix the concrete by following the instructions on the packaging and insert the post at an angle of 10 to 15 degrees away from the centre of the shade sail.

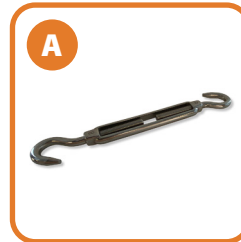


3) USE THE RIGHT FITTINGS AND FIXTURES

The Shadow Comfort specialists have put together special sets of stainless steel fittings and fixtures for triangular, rectangular, or square shade sails for you. For smaller shade sails of up to 4 metres, for example, you can choose a set of M8 turnbuckles. The advice is to go for the mounting set with M10 turnbuckles for larger shade sails from 4 metres.

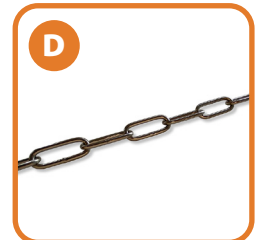
Complete stainless steel AISI 316 mounting set for installation of a triangular shade sail:

- A** 3x stainless steel M8x120 / M10x155 turnbuckle
- B** 3x stainless steel M8x80 carabiner hook
- C** 3x stainless steel plate with eyelet
- D** 1x 2-metre stainless steel chain



Complete stainless steel AISI 316 mounting set for installation of a square or rectangular shade sail:

- A** 2x stainless steel M8x120 / M10x155 turnbuckle
- B** 6x stainless steel M8x80 carabiner hook
- C** 4x stainless steel plate with eyelet
- D** 1x 2-metre stainless steel chain



The ideal option is the Shadow Comfort pulley set:

Shadow Comfort's pulley set is ideal for situations where the shade sail is put up regularly and needs to be quick and easy to remove, such as in the hospitality industry, at day-care centres, or in other places where wind could be a factor. Each set is intended for 1 mounting point.

- E** 1x pulley with stainless steel parts that is easy to fasten to the post using the carabiner hook
- F** 1x M4x40 carabiner hook (to attach the pulley to the plate with eyelet)
- G** 1x trigger snap for easy shade sail installation and removal
- H** 1x clamcleat for easy rope attachment and detachment
- I** 4 metres of black weatherproof cord with a diameter of 6mm



Optional for post or wall mounting

- C** 1x stainless steel plate with 8mm eyelet or **J** 1x stainless steel eye bolt for post



Based on the situation, you can determine how many pulley systems you need. When mounting the shade sail to a wall, for example, you could also use a plate with eyelet **C** and an M8x80 **B** carabiner hook.

4) INSTALL THE SHADE SAIL

All mounting points must point to the centre of the shade sail. This is because of the tension force acting on the shade sail. You can first temporarily attach the shade sail using a cord, so that you can position it and determine how long the stainless steel chain needs to be. Have 2 persons, for example, keep the shade sail in place for a moment. With Shadow Comfort's mounting pulley set, you can put up or remove the shade sail in no time whenever you want. This set comes with a 4m cord as standard. Either side of the shade sail can be used as the top or bottom. This depends on the dimensions of your version and your personal preference.

Attaching your shade sail

Start by attaching the first 2 corners. Click a carabiner hook to the fixed mounting point and one of the shade sail's corners. Depending on the distance, you can always add a stainless steel chain. When you get to the last corner (with a square sail, this means the last 2 corners on the same side), place an M8 or M10 turnbuckle between the mounting point and the shade sail. Loosen the turnbuckle completely (to make it as long as possible), insert it, and then tighten it. The easiest way to tighten the turnbuckle is by using a screwdriver to create a leverage effect. The space between the mounting point and the shade sail determines whether a carabiner hook or turnbuckle alone will suffice or you need an additional stainless steel chain. The advantage of using a stainless steel chain is that the chain's links make it very easy to tension your shade sail.

5) TENSION THE SHADE SAIL

Tension the shade sail tightly so that it is not affected by the wind. The creases in the shade sail due it being folded in the packaging will automatically disappear within a few weeks.

- ✓ Regularly check the turnbuckles and tension further
- ✓ We recommend using the shade sail over the period from March to September
- ✓ Porous shade sails are easy to clean using a soft brush and soft soap
- ✓ Store shade sails in a dry environment when not used
- ✗ We recommend removing the shade sail in force 5 wind conditions
- ✗ Do not place a barbecue, patio heater, or open fire near or below the shade sail
- ✗ The use of certain chemicals may shorten the shade sail's life span
- ✗ Do not wash porous shade sails in a washing machine

If you follow the above instructions, you will enjoy your Shadow Comfort without any worries.

