Shade at Home

Shade Sail Hardware Kits

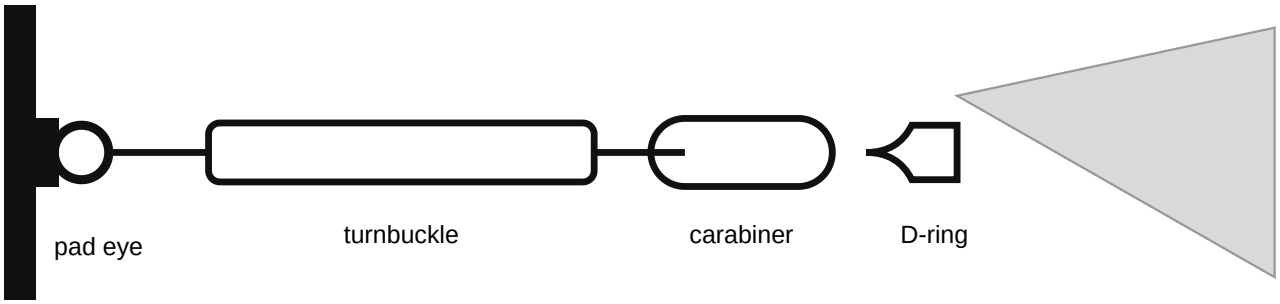
Installation Guide

How to choose, fix and tension our stainless steel fittings — for walls, posts, timber and trees.

Wall Mount · 2-point · 3-point

65 mm & 80 mm

~1 h · 2 people



1. Our kits at a glance

Kit	What's in the box	Fixing points	Fixes
Wall Mount Kit, 65 mm (8 pcs)	4 pad eyes 65 × 40 mm · 2 carabiners 60 mm · 2 turnbuckles 150–220 mm · 32 screws	4	One rectangle or square sail fixed to walls, beams or posts
2-point Hardware Kit, 65 mm	2 pad eyes 65 × 40 mm · 2 carabiners 60 mm · 2 turnbuckles 150–220 mm · 2 ring screws 60 mm · 1 rope 5 m · 16 screws	2	Two kits fix one rectangle or square sail; ring screws for timber, rope for a tree
2-point Hardware Kit, 80 mm heavy-duty	2 pad eyes 80 × 50 mm · 2 carabiners 80 mm · 2 turnbuckles 190–290 mm · 2 ring screws 60 mm · 1 rope 5 m · 16 screws	2	Two kits fix one rectangle or square sail; our suggestion for sails of 4 × 5 m and up
3-point Hardware Kit, 65 mm	3 pad eyes 65 × 40 mm · 3 carabiners 60 mm · 3 turnbuckles 150–220 mm · 24 screws	3	One triangle sail
3-point Hardware Kit, 80 mm heavy-duty	3 pad eyes 80 × 50 mm · 3 carabiners 80 mm · 3 turnbuckles 190–290 mm · 24 screws	3	One triangle sail; our suggestion for larger triangles (5 × 7 × 7 m)

All fittings are stainless steel (grade not specified by the manufacturer). Screws are included. **Wall plugs, masonry anchors, bolts and posts are not included.**

What each part does

- **Pad eye** — the fixed anchor plate, screwed to a wall, beam or post.
- **Ring screw** (2-point kits) — a screw-in eye for solid structural timber.
- **Rope 5 m** (2-point kits) — to anchor a corner around a tree trunk.
- **Turnbuckle** — adjustable link: turning its body draws both ends in and tensions the sail.
- **Carabiner** — the quick clip between the turnbuckle (or pad eye) and the sail corner.
- **Sail corner** — the D-ring, ring or eyelet sewn into each corner of the sail.

Tools and extra items

☐ Drill + masonry or wood bits to suit your plugs
☐ Screwdriver or drill driver
☐ Tape measure and pencil
☐ Wall plugs or masonry anchors suited to your wall
☐ Bolts and nuts, if fixing to a steel post
☐ Step ladder, stable, and a second person

2. Do you have the right fittings for your sail?

Every sail needs **one anchor point per corner**, **a connector at every corner**, and turnbuckles to tension it: at least 2 on diagonally opposite corners for a 4-corner sail, at least 2 (ideally 3) for a triangle.

What you bought	Rectangle / square sail (4 corners)	Triangle sail (3 corners)
1 × Wall Mount Kit	**Yes** — turnbuckles on 2 opposite corners, carabiners on the other 2	**Yes** — turnbuckles on 2 corners, carabiner on the 3rd; 1 pad eye spare
1 × 2-point kit	**No** — 2 corners missing: add a second 2-point kit or a Wall Mount Kit	**No** — 1 corner missing: add a second 2-point kit
2 × 2-point kits (65, 80 or one of each)	**Yes** — turnbuckle + carabiner at every corner	**Yes** — one set of fittings spare
1 × 3-point kit	**No** — 1 corner missing: add a 2-point kit	**Yes** — the ideal set
3-point kit + 2-point kit	**Yes** — turnbuckle at every corner	**Yes** — fittings spare
Wall Mount Kit + 2-point kit	**Yes** — use the extra turnbuckles on the carabiner corners	**Yes** — fittings spare

Mixing 65 mm and 80 mm kits is fine. If you fix to a tree or to timber, use the 2-point kits: only they include the 5 m rope and the ring screws.

Using our kits with a sail bought elsewhere

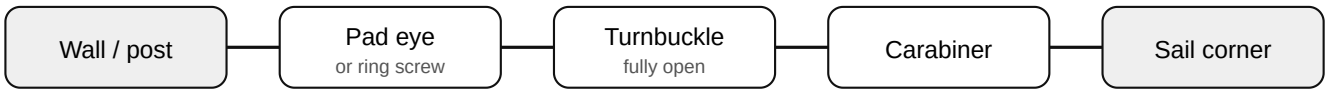
> Before you start, check that: **(1)** the carabiner (60 or 80 mm) and the turnbuckle hook pass through the sail's corner rings; **(2)** you have one anchor point per corner; **(3)** the distance between each corner and its anchor is within reach: 15–30 cm is ideal, and the turnbuckle takes up only 70 mm (65 mm kits) or 100 mm (80 mm kits). For a sail of 4 × 5 m or larger, or a triangle of 5 × 7 × 7 m, we suggest the 80 mm kits.

Which anchor for which surface?

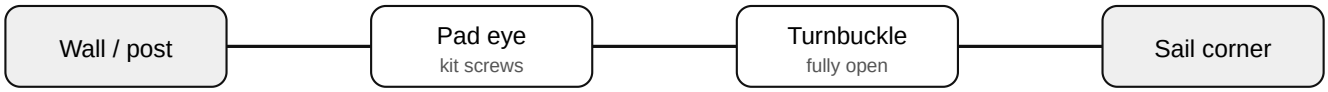
Surface	Use	Fix with
Brick, block or concrete wall	Pad eye	Kit screws + wall plugs, or masonry anchors suited to the wall (not included)
Structural timber post or beam	Pad eye or ring screw	Kit screws, or the ring screw screwed into a pilot hole
Steel post	Pad eye	Bolts and nuts suited to the post (not included)
Sturdy, healthy tree	5 m rope (2-point kits)	Rope around the trunk, tied securely, then the turnbuckle
Gutter, fascia board, cladding, render, fence paling	**Never.** They are not designed to carry sail loads.	

3. Fitting order at each corner

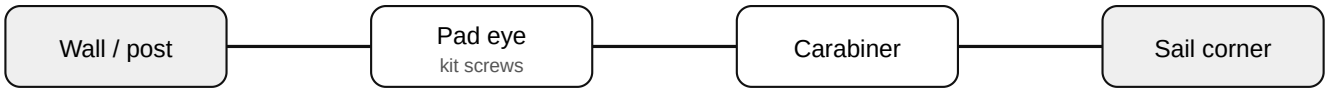
2-point and 3-point kits — the same at every corner



Wall Mount Kit — turnbuckle corners



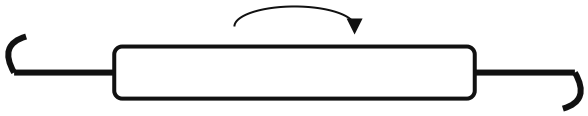
Wall Mount Kit — carabiner corners



Tree corner (2-point kits)



How the turnbuckle tensions



turn the body: both hooks draw in together

Take-up: 70 mm (150–220 mm turnbuckles, 65 mm kits) or 100 mm (190–290 mm, 80 mm kits). Open it fully before hooking up, so you have the whole range to tension.

Fixing the pad eye

- Mount it so the sail pulls **along the line of the eye**, towards the centre of the sail — not sideways.
- Pre-drill, use every screw hole, and fix into solid structure only.
- Ring screws: pre-drill a pilot hole and screw in until the thread is fully buried in sound timber.

4. Step by step

1. **Plan the anchors** with your sail's guide: one anchor per corner, about 15–30 cm beyond each sail corner, with a slope so rain runs off.
2. **Check each anchor point** is solid: brickwork or concrete, a structural beam, a post set in concrete or a healthy trunk.
3. **Check for hidden pipes and cables** before drilling.
4. **Fix the pad eyes** (or ring screws) with the kit screws and plugs or anchors suited to your wall, the eye pointing towards the sail.
5. **Open every turnbuckle fully** and hook it to its pad eye, ring screw or rope.
6. **Connect the sail**: high corners first, then low corners. Clip each corner with a carabiner — or, with the Wall Mount Kit, straight onto the turnbuckle hook on the turnbuckle corners.
7. **Tension evenly**, a few turns per turnbuckle, corner after corner, until the fabric sits flat without wrinkles or water pockets.
8. **Re-check after a few days** and after wind or rain; re-tension if the fabric has relaxed. Check the fittings at the start of each season.

> **Safety:** take the sail down in strong wind, before storms, and over winter if it is not in use. Do not climb on, hang from or swing on the sail, ropes or fittings. If a fitting is bent, cracked or a fixing is loose, stop using the sail and replace it. If you are unsure about an anchor point or a post footing, ask a qualified tradesperson and check with your local council.

Need help? Email **hello@shadeathome.com.au** with your sail size and a photo of your anchor points — we'll tell you which fittings you need.