Shade at Home

Triangle Shade Sail

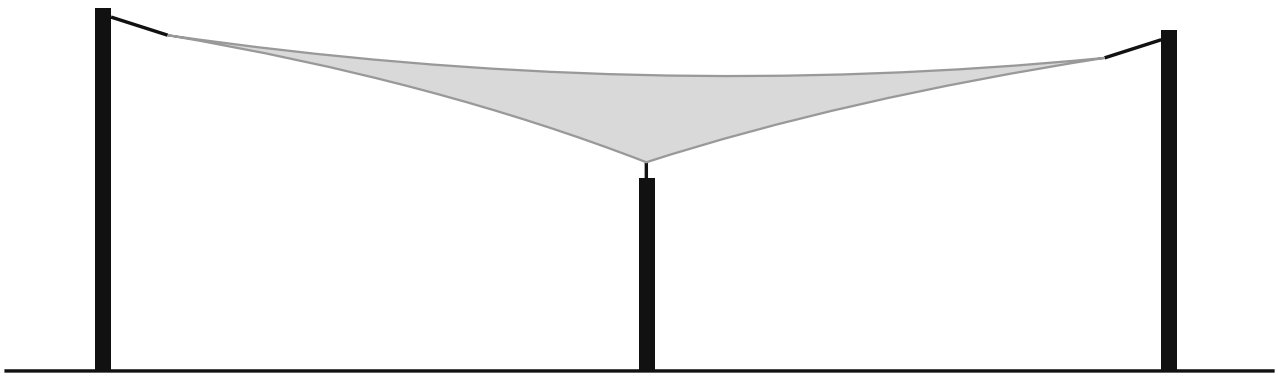
Installation Guide

Everything you need to plan, fix and tension your sail safely — in about 2 hours with two people.

4 sizes · 2.5 × 2.5 × 3.5 m → 5 × 7 × 7 m

3 anchor points

~2 h · 2 people



1. What's in the box & what you need

In the box

- 1 × triangle shade sail – Charcoal, PU-coated Oxford polyester, with a stainless steel corner fastener (D-ring on a webbing strap) at each corner
- 3 × 1.5 m PE rope

No fittings, screws or posts are included with the sail.

Sold separately — required

- **Fittings** (pad eyes, carabiners, turnbuckles, screws): one 3-point Hardware Kit. See the tables below if you bought something else.
- **Wall plugs or masonry anchors** suited to your wall — not included in our kits.
- **3 solid anchor points**: masonry wall, structural beam, post set in concrete or a sturdy tree. Posts are not included.

Which fitting kit?

Kit	What's inside	How it fits your sail
3-point Hardware Kit, 65 mm (one kit)	3 pad eyes 65 × 40 mm, 3 carabiners 60 mm, 3 turnbuckles 150–220 mm, 24 screws	A pad eye, a turnbuckle and a carabiner at every corner. For the 2.5 × 2.5 × 3.5, 3 × 3 × 3 and 3.6 × 3.6 × 3.6 m sails.
3-point Hardware Kit, 80 mm heavy-duty (one kit)	3 pad eyes 80 × 50 mm, 3 carabiners 80 mm, 3 turnbuckles 190–290 mm, 24 screws	Same set-up with bigger fittings and longer turnbuckles. Our suggestion for the 5 × 7 × 7 m sail.

Already bought your fittings? Check you have enough

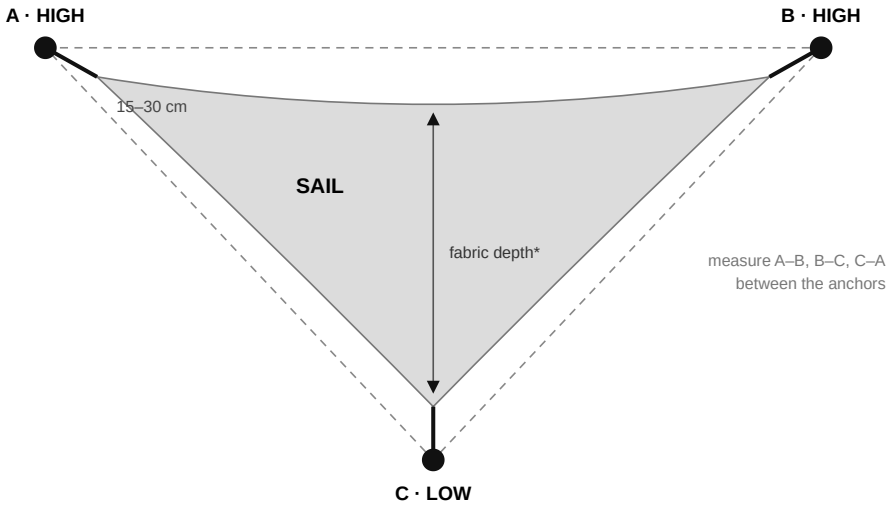
A triangle sail needs **3 anchor points**, **a connector at every corner** and **at least 2 turnbuckles** (ideally 3) to tension it.

What you have	Enough?	What to do
1 × 3-point kit (65 or 80 mm)	**Yes**	The ideal set: a turnbuckle at every corner (page 4).
1 × Wall Mount Kit (4 pad eyes)	**Yes**	Use 3 pad eyes: turnbuckles on B and C, a carabiner on A. One pad eye stays spare. No ring screws or rope: walls, beams and posts only.
2 × 2-point kits	**Yes**	A turnbuckle and a carabiner at every corner; one set stays spare. Ring screws for timber, 5 m rope for a tree.
1 × 2-point kit only	**No** – 1 corner missing	Add a second 2-point kit, or use a 3-point kit instead.
Your own hardware	Check	Stainless steel fittings sized for the sail, fixed into solid structure, with at least 2 turnbuckles.

Tools

☐ Tape measure (long enough for your sail's sides)
☐ Screwdriver or drill driver
☐ Pencil or chalk
☐ Drill + masonry or wood bits to suit your plugs
☐ Step ladder, stable, and a second person
☐ String line (optional, to check heights)

2. Plan your layout (top view)



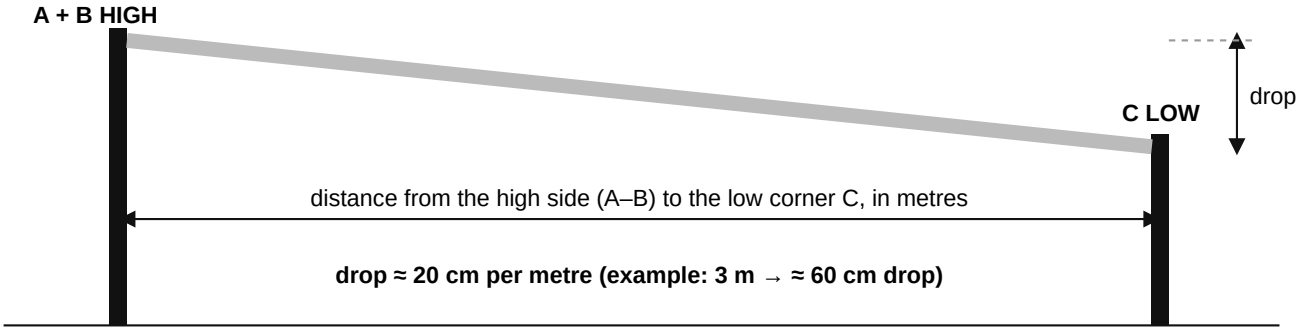
Rule of thumb: leave **15–30 cm** between each sail corner and its anchor for the fittings. The edges of the sail are curved so it can be tensioned flat, so the fabric is smaller than the corner-to-corner size.

Sizes and anchor spacing (20 cm gap at each corner)

Sail size	Shape	Fabric depth*	Anchor spacing (approx.)	Suggested kit
2.5 × 2.5 × 3.5 m	Two 2.5 m sides, one 3.5 m side	1.64 m	2.85 · 2.85 · 3.85 m	3-point 65 mm
3 × 3 × 3 m	Three equal 3 m sides	2.49 m	3.35 · 3.35 · 3.35 m	3-point 65 mm
3.6 × 3.6 × 3.6 m	Three equal 3.6 m sides	2.95 m	3.95 · 3.95 · 3.95 m	3-point 65 mm
5 × 7 × 7 m	One 5 m side, two 7 m sides	6.35 m	5.35 · 7.35 · 7.35 m	3-point 80 mm heavy-duty

Sizes are corner to corner. The sail is Charcoal in all sizes. * Fabric depth: from the middle of the longest straight edge to the opposite corner, measured across the fabric (for the 5 × 7 × 7 m sail, from the middle of the 5 m side), from the manufacturer's dimension drawings. Anchor spacing: the 3 distances between your anchors, each about 35 cm longer than the matching sail side when every corner has a 20 cm gap. Measure all 3 before drilling: if one is too long, the turnbuckles will not reach (see page 4); if too short, the sail will not tension.

3. Slope for rain run-off (side view)



Fix **two corners high** (A and B) and **one corner lower** (C), on the side where you want rain to run off — away from the house and from doors. The slope keeps water from pooling in the fabric. Keep the low corner high enough to walk under comfortably.

4. Fitting order at each corner

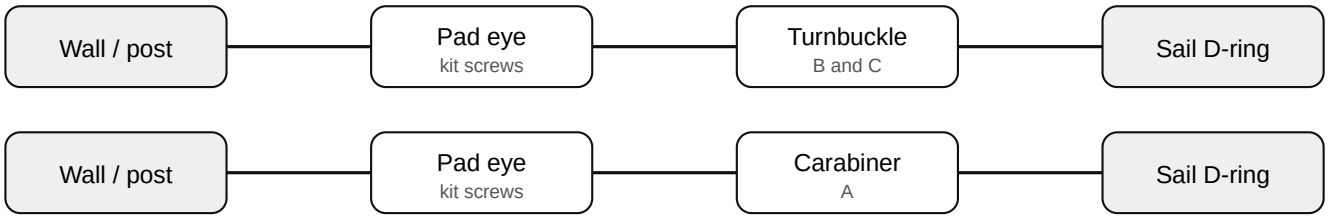
With a 3-point Hardware Kit (or two 2-point kits)

The same at all 3 corners:

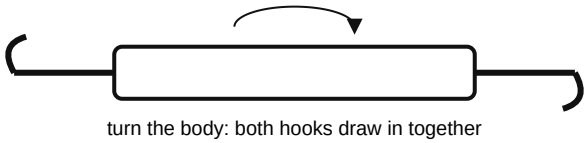


* Ring screws come with the 2-point kits only.

With a Wall Mount Kit



How the turnbuckle tensions



turn the body: both hooks draw in together

Take-up is limited: 70 mm per turnbuckle (150–220 mm, 65 mm kits) or 100 mm (190–290 mm, 80 mm kit). Get the anchor spacing right first.

Fixing to timber or a tree

- **Timber post or beam:** use ring screws (2-point kits) or pad eyes screwed into solid structural timber.
- **Tree:** pass a rope around a healthy, solid trunk and tie it securely, then connect it to the turnbuckle. The 5 m rope comes with the 2-point kits; the 3-point kits have no rope.
- **Gap too long?** Bridge it with one of the 1.5 m ropes supplied with the sail.

5. Step by step

1. **Mark the 3 anchors** using the table on page 3. Check each point is solid: brickwork or concrete, a structural beam, a post set in concrete or a healthy trunk — never gutters, fascia boards, cladding or render only.
2. **Check the 3 distances** A–B, B–C and C–A against the table. Adjust your marks if they are out by more than about 10 cm.
3. **Fix the pad eyes** with the screws from the kit and wall plugs or anchors suited to your wall: A and B high, C lower. Pre-drill, and keep the eye pointing towards the centre of the sail.
4. **Open the turnbuckles fully** and hook them to the pad eyes. This gives you the full tensioning range later.
5. **Lay the sail out** on a clean surface under its final position, with each D-ring towards its anchor. On the 2.5 × 2.5 × 3.5 m and 5 × 7 × 7 m sails, check which side is the odd one out (3.5 m or 5 m) and match it to the right pair of anchors.
6. **Connect the high corners first** (A and B), then the low corner (C). If a corner doesn't reach, bridge the gap with one of the 1.5 m ropes.
7. **Tension evenly:** turn each turnbuckle a few turns at a time, corner after corner, until the fabric sits flat with no wrinkles or pockets where water could collect.
8. **Check again after the first days** and after rain or wind: the fabric can relax slightly. Re-tension if needed.

Safety: take the sail down in strong wind, before storms, and over winter if it is not in use. This is a **water-resistant** shade sail, not a waterproof roof: in heavy rain water can pass through or collect if the slope is too low. Keep the sail away from barbecues, heaters and other heat sources. Do not let children hang from the sail, ropes or fittings. Before drilling, check for hidden pipes and cables; before digging post holes, check for underground services. If in doubt about an anchor point or a post, ask a qualified tradesperson and check with your local council.

Need help? Email **hello@shadeathome.com.au** with a photo of your space and your measurements — we'll help you plan it.