



SHADECUBE™

SHADE SYSTEM



RETRACTAROOOF ASSEMBLY GUIDE

Please read this guide before starting any work. It is the responsibility of purchaser to ensure all work is carried out by a qualified installer in accordance with current local government bylaws. Ubuild Modular Pergolas takes no responsibility for any installation work undertaken by the purchaser.

Please Note: The roof support rails now come with stainless steel guide pulleys as pictured



IMPORTANT-

Always use a protective sheet under the RETRACTAROOF to prevent any damage from objects on the ground. Always use a suitable certified height platform when installing your RETRACTAROOF. Always wear eye protection when working overhead. We recommend at least three people to perform this installation. Always secure the rope control with the supplied rope cleat a minimum 1600mm off the ground. **NEVER LEAVE THE ROPE UNATTACHED!**

Only use the stainless steel and related hardware supplied. We have vigorously tested all components to meet our manufacturing standards. Do not over tension the stainless steel roof wires. The use of any other fittings not supplied by Ubuild Modular Pergolas will void any warranties.

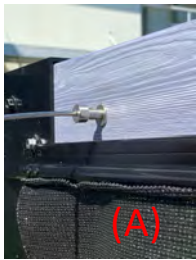
We can supply a RETRACTAROOF Tooling kit comprising of Rivet Nut & Plusnut installation tools, Wire Tension guide, Stainless Wire Cutters & Swagger. Please contact your dealer for pricing.



TIMBER BEAMS

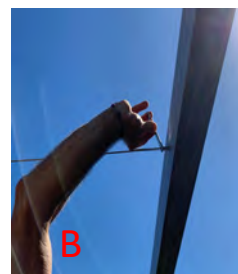
HARDWARE & DRILLING

Determine which way the RETRACTAROOF will run. Centre mark both opposing fixing & receiving beams. Measure & mark from centre out to correspond with the outer roof support saddles. (Sail track has a center hole pre-drilled). Drill 2 or 3, **10mm** holes 45mm down from the top edge of the beam, 40mm deep and insert the stainless steel thread bolts using a hex key. **Some roof widths will have only two wire guides, not three.**



Make sure they are flush with the timber. Fix the pre-installed sail track to the beam 5mm below the thread bolts using the supplied small black hex head screws to the opening end of your Pergola. Thread the two or three lengths of stainless steel wire into sail track end (Opening), of the Pergola, about 4 turns. **(a)**. Attach pulleys to support eye bolts. Thread the two or three lengths of wire through the Roof support pulleys, hold roof up and then screw the opposite end into nut inserts **(B)**. Tension all wires evenly until a slight sag is achieved, **DO NOT OVER-TIGHTEN**. You may need 2-3 people to support the roof when screwing the adjusters into the opposite end. Tighten the nut to lock it in place.

TIP: Remove one nut to allow the wire to thread through the pulleys. Replace before inserting in the opposite end.



DO NOT OVER TIGHTEN THE GUIDE WIRES. There should be a slight sag.

ALUMINIUM CUBE BEAMS

HARDWARE & DRILLING

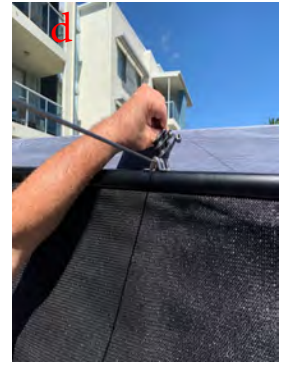
Installation of the RETRACTAROOOF using our Aluminum CUBE BEAMS is basically the same, but instead of the stainless steel thread bolt, you will simply screw the small cap straight into the pre-installed Rivet nut. You can then proceed with the installation as previously described.

TIPS FOR DRILLING ALUMINIUM CUBE BEAMS

Place a small piece of masking tape over the area to be drilled. Drill a 2mm pilot hole first. Start slow and let the drill bit do the work. If you push too hard this may cause the drill bit to slip and mark the surface.

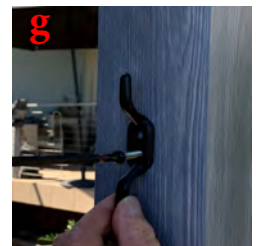
BLOCK PULLEY INSTALLATION

Fix the large block pulley(c) using two med size self drilling hex self drilling screws on the desired control side of SHADECUBE, making sure the offset wheel is facing out. This must be placed so the cord will not rub on the fabric. Fix the small double pulley(d) using the supplied stainless steel saddle, approximately 5mm down from the top edge of the CUBE BEAM, above the sail track center wire and Pop Rivet or use self drilling screws, into place. Fix the single pulley(e) the same way on the opposite CUBE BEAM.

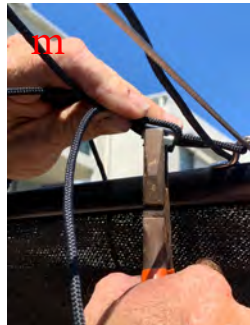
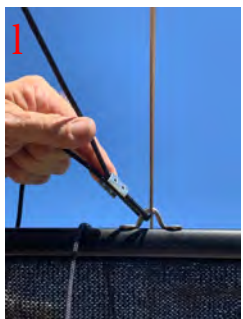
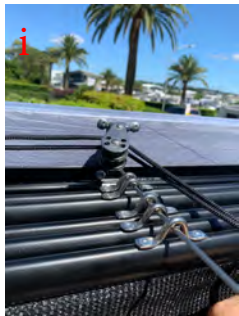


CONTROL CORD

Lay the length of control cord on the ground double up as pictured(f). Install the cord cleat on the desired control side of the CUBEPOST(g). **MAKE SURE IT IS ATLEAST 1600mm OFF THE GROUND.** This will ensure the SHADECUBE operating system meets Australian Standards in regard to child safety.



Thread both ends of the control cord through each side of the Block pulley(h) and then through the small Double pulley(i). Feed one through the Single pulley(j) on the opposing end. loop around center roof support saddle & crimp. Feed the other through the center roof support saddle, loop & Crimp. Make sure the roof is in the closed position before crimping. Cut excess cord once the roof opens & closers smoothly. The cord cleat must be a minimum, 1600mm off the floor.



(Rope Cord Complete)

Congratulations. Now you can enjoy your new oasis!

There will be a gap or around 100mm / 150mm at the closing end.

This is normal. Over time, your fabric roof will naturally stretch but this action will not affect the operation of your Retractoroof.

Your roof carries a 3 year warranty.

FOR QUESTIONS & SUPPORT

Contact your dealer or

Ubuild Modular Pergolas

info@shadecube.com.au

www.shadecube.com.au

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Molendinar, QLD, 4214

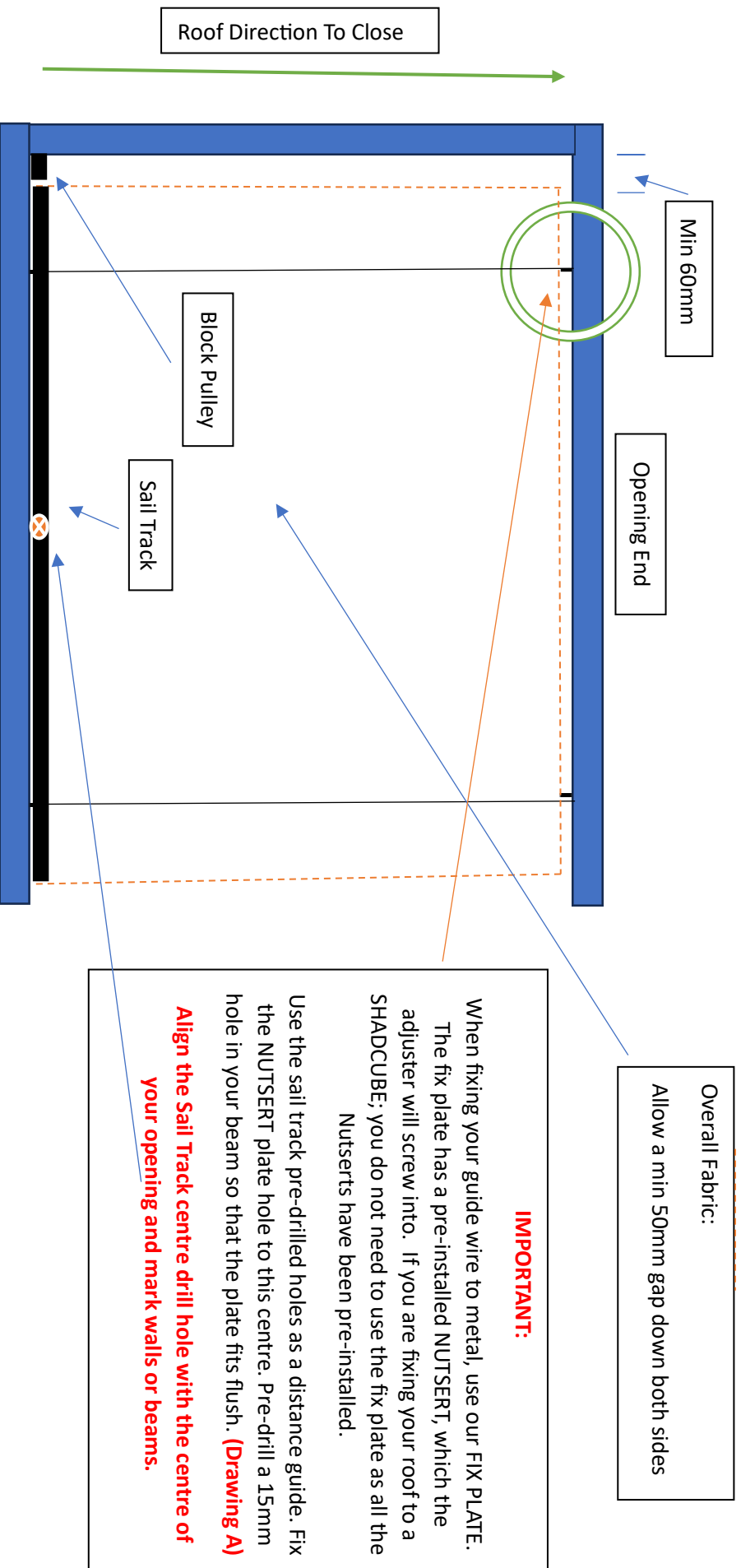
DEALER CONTACT:

SHADECUBE RETRACTAROOF

IMPORTANT INFORMATION WHEN INSTALLING A STAND-ALONE RETRACTAROOF

When installing just a retractaroorf to an existing structure, we supply fixing plates for the wire guides. **These plates are must match the pulley spacings.** Use the Sail Track as a drilling guide by aligning the pre-drilled holes. Align the Sail Track centre hole with the middle of your existing structure opening width. Use the supplied hex head fixing screws.



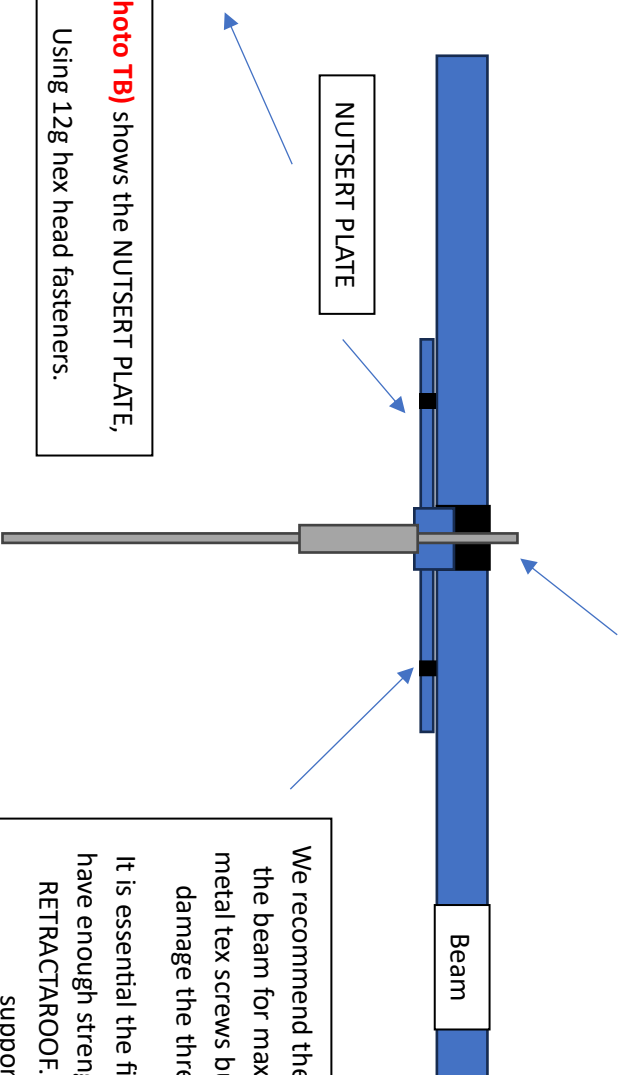




NUTSERT PLATE FOR METAL/TIMBER FIXING:

Drawing A

15mm Hole, Min
50mm clearance
behind



We recommend the NUTSERT plate is bolted through the beam for maximum strength. You can use 12g metal tex screws but do not over tighten, as this will damage the thread and reduce holding power. It is essential the fixing points of your beam or wall, have enough strength to support the weight of your RETRACTAROOF. If you have any doubts, affix a support beam at both ends.



TIMBER FIXINGS (OPTION):

When fixing to Timber beams, our Timber Screw Insert is used. Drill a 9.5mm hole, min 50mm deep and screw in with an 8mm hex drive until it just seats to the timber face. **(PHOTO TA)**. For Metal fixing, drill a 15mm hole, but you will use the NUTSERT Plate.

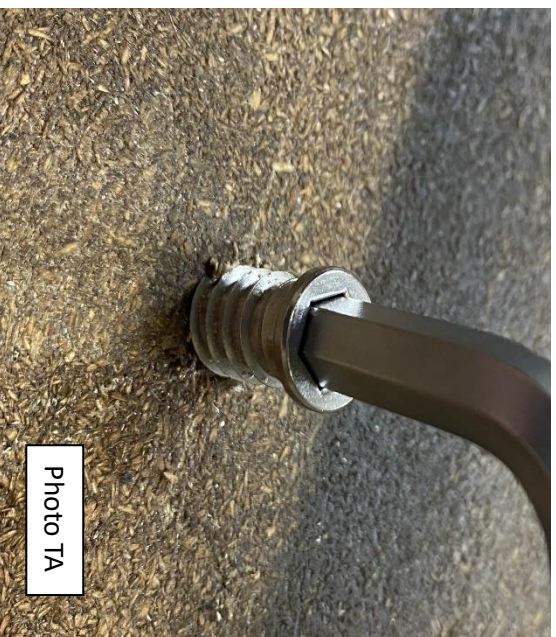
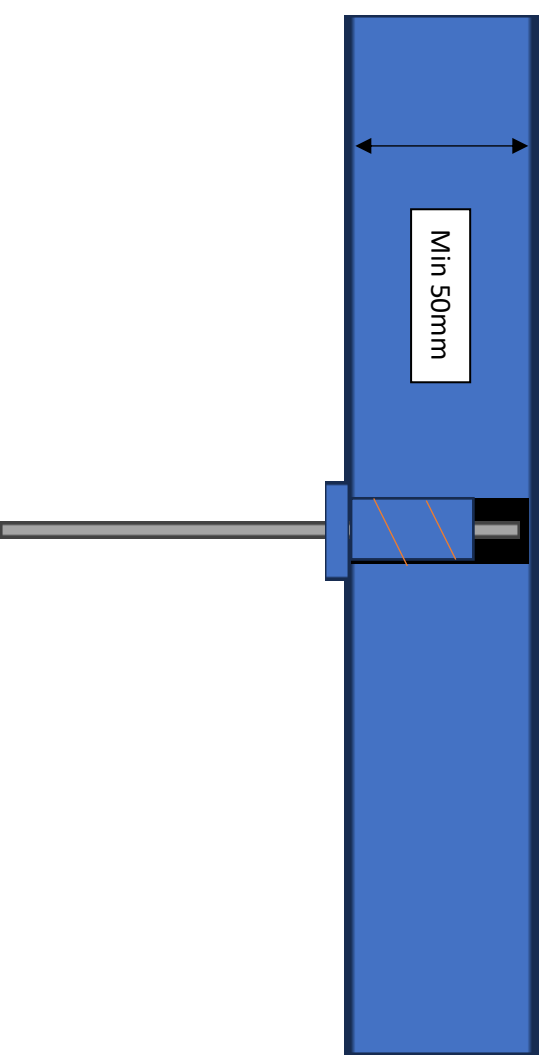


Photo TA





SHADECUBE WIREGLIDE RETRACTABLE ROOF

