

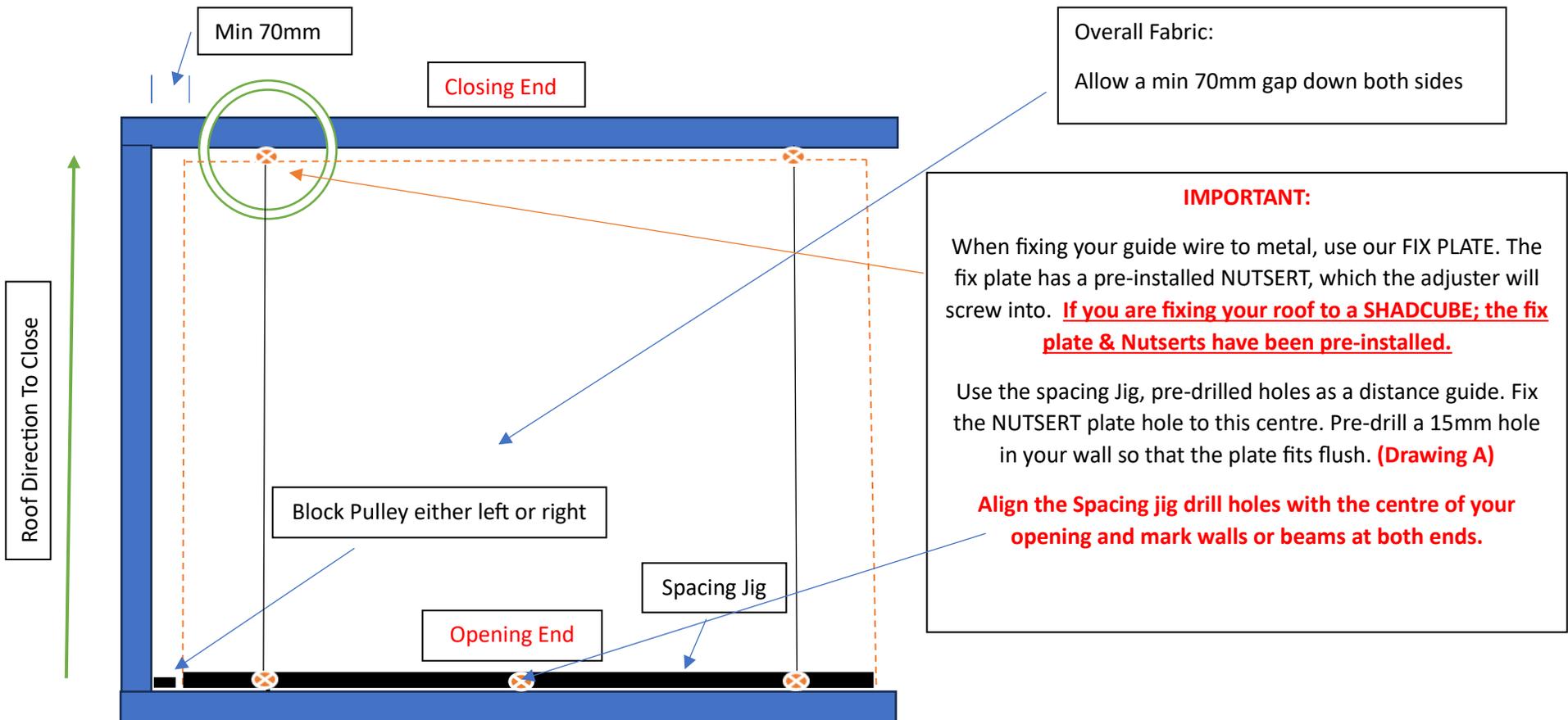


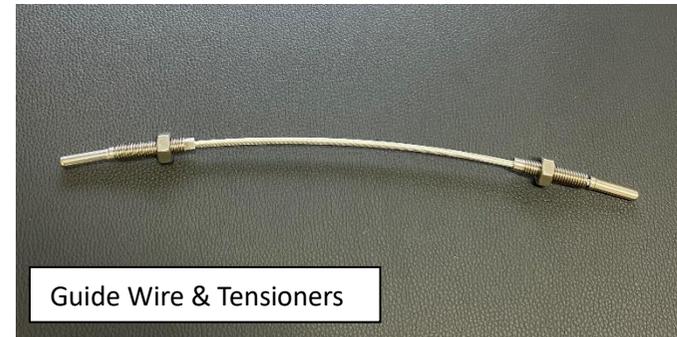
SHADECUBE: RETRACTAROOF

Installation Instructions



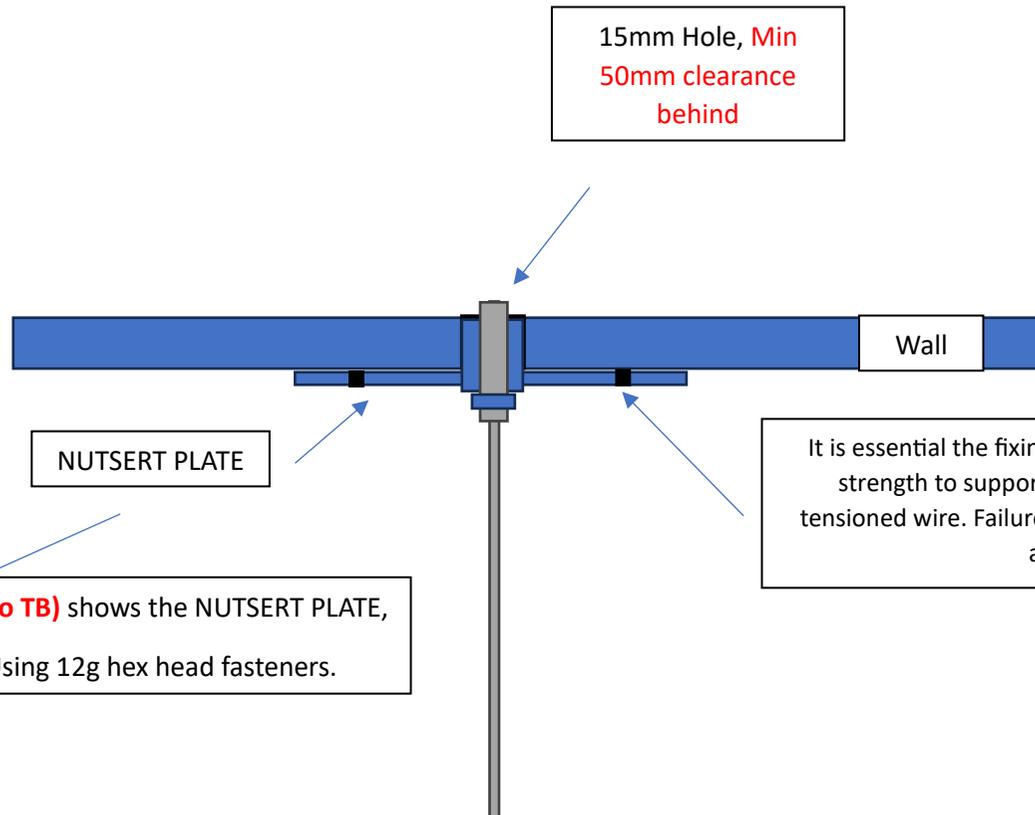
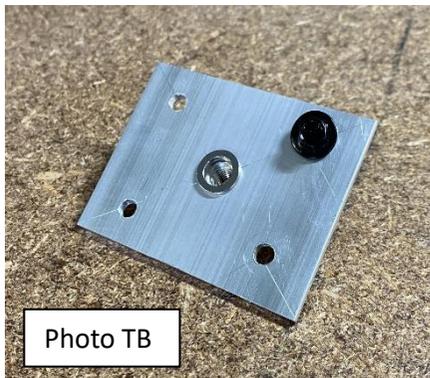
WIREGUIDE RETRACTAROOF





NUTSERT PLATE FOR METAL/TIMBER FIXING:

Drawing A

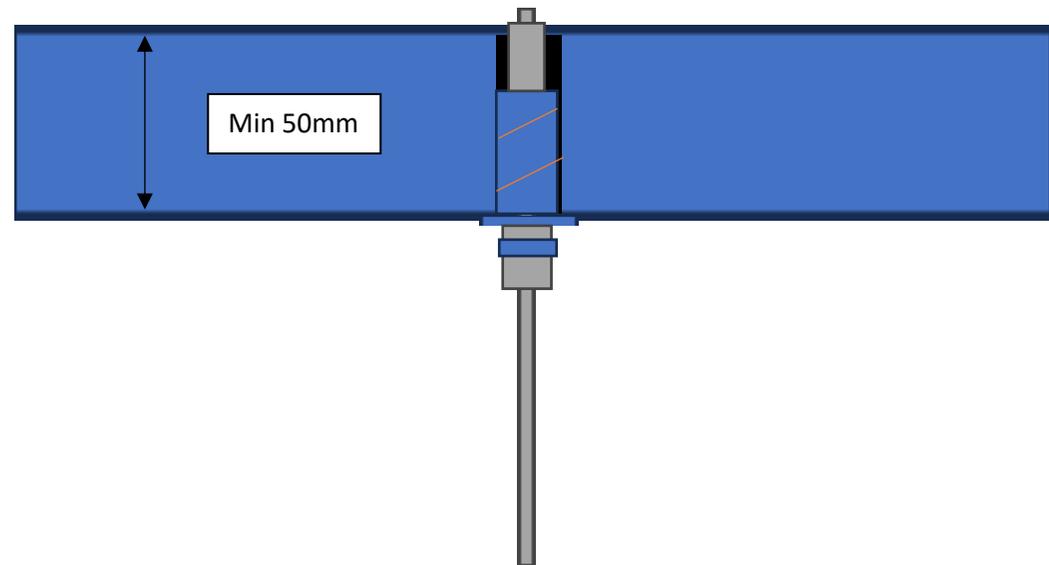
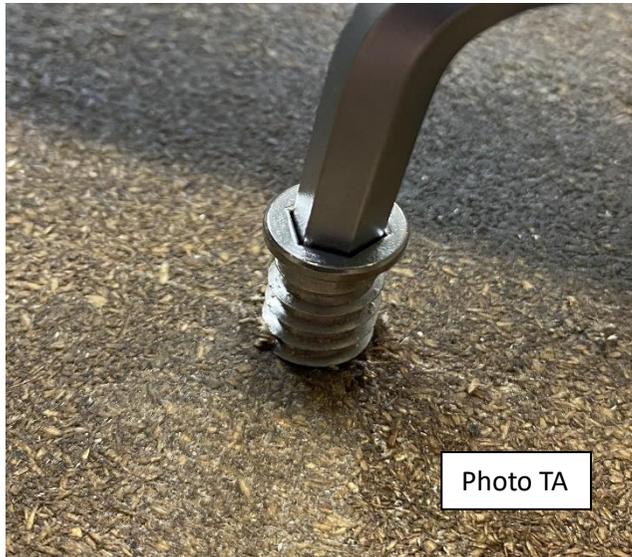


(Photo TB) shows the NUTSERT PLATE, Using 12g hex head fasteners.

It is essential the fixing points of your beam or wall, have enough strength to support the weight of your RETRACTAROOF and tensioned wire. Failure to secure the plates could result in damage and / or personal injury.

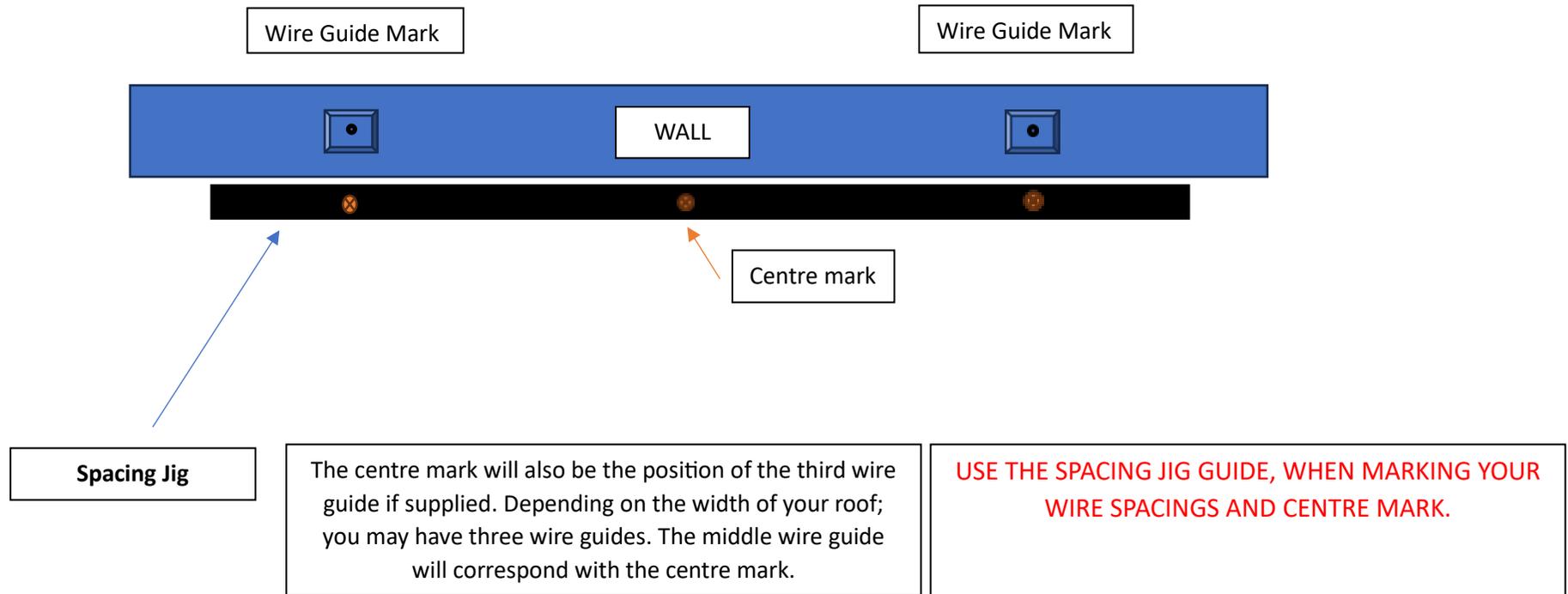
METAL/TIMBER FIXINGS:

Determine your wire height from the ground. Remember you will have a fabric “Hang” of approx 300mm – 400mm. 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 is flush with the timber face. **(PHOTO TA)**. For Metal fixing, drill a 15mm hole, but you will use the NUTSERT Plate.



GUIDE WIRE INSTALLATION

Determine what direction you would like your RETRACTAROOF to open (stack). (**Opening End**). Mark a centre position of the beam / wall at closing end & opening end, where you require the roof & your required wire guide height. Align the Spacing Jig Centre hole with your centre position and mark all holes at both opening & closing ends. The marks at both ends must be parallel. (**VERY IMPORTANT**).





ATTACHING THE GUIDE WIRE:

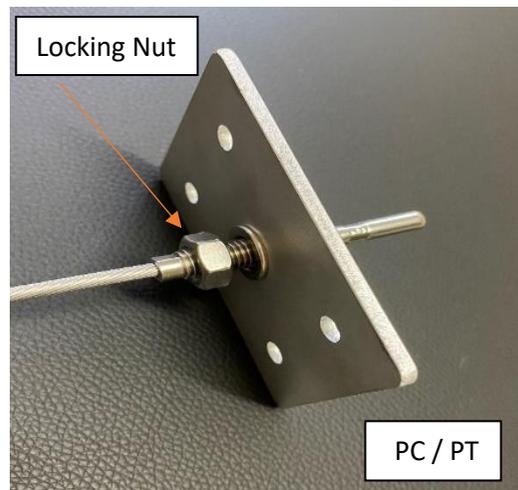
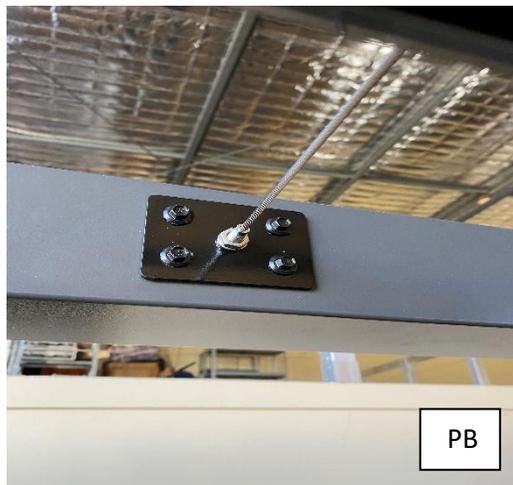
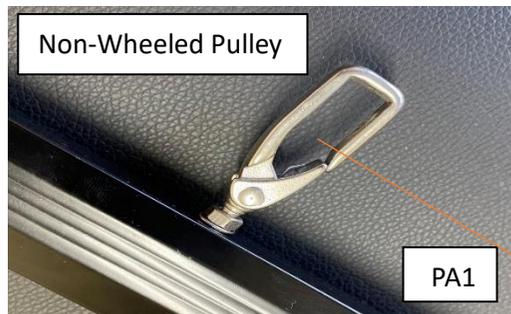
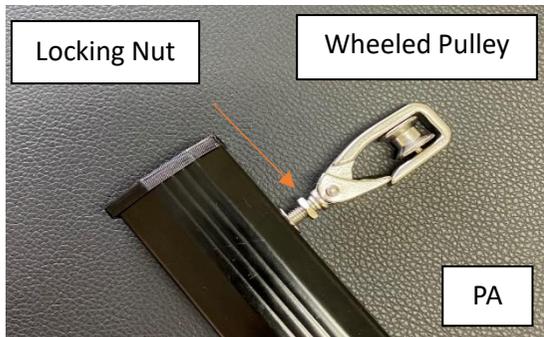
1, Apply a few drops of “Thread locker” to all threads and Screw the Clip-On Pulleys 3/4 way into the stainless-steel roof support insert nut. Once screwed in, align the Pulley so it is 90 degree to the roof support and then tighten the locking nut.

The first support, (opening End), has a pulley housing without the wheel. This is the first support at the Opening End.

(PHOTO PA/PA1- PS)

2, Screw the wire guides into the insert threads, already installed in the beam / wall on both the closing & Opening ends about 1/2-way in. use a small spanner to hold the tension screw in place and tighten the lock nut. **(PHOTO PC/TB)**

3, Get two or three people to lift the roof and clip the first roof support **NON WHEEL PULLEYS**. Clip the remaining supports onto the guide wire guide. **(PHOTO PB)**. Loosen the lock nut and the tension rods. Slowly tension the wire guides at both ends, until you have enough tension to support the roof. **Do Not Over Tighten The Wire Guides**. Leave about 30mm sag. Apply “Thread Locker” to the locking nut and tighten. **(PHOTO PT)**. Fit the opening end pulley stops AFTER the first non-Pulley hangers to hold them against the Beam as shown in **(PHOTO PS)**. After 2/3 weeks, check tension. It is very important that you do not over tension the wire guides as this could cause part failure and severe injury.



PULLEY INSTALLATION:

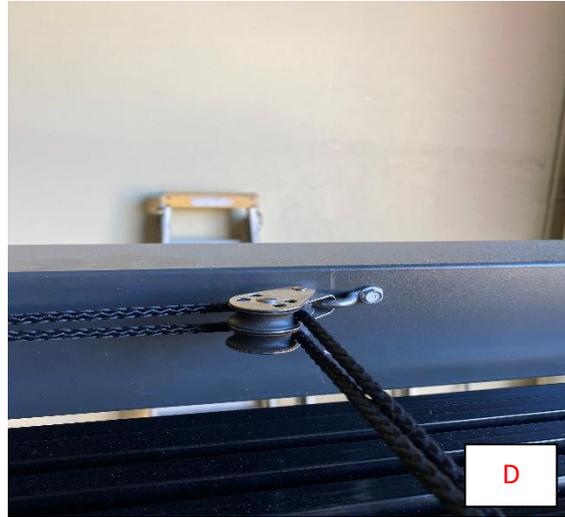


Step One:

Fix a saddle and the single swing pulley to the closing end, 30mm above the wire, centred. **(Photo C)**

Step Two:

Fix a saddle and the double swing pulley to the opening end, 30mm above the wire, centred. **(Photo D)**



Step Three:

Fix the double block pulley to the closing end, at the top, with the offset roller pin facing outward. (Photo E)



(Photo F) shows the Block Pulley & Cord Cleat fitted to the left-hand post. You can choose which side you require

CONTROL CORD INSTALLATION:

See Pulley Set Up Diagram Page 14

Lay your control cord on the ground & remove any kinks. Bring both ends together. **(Photo CORD)**

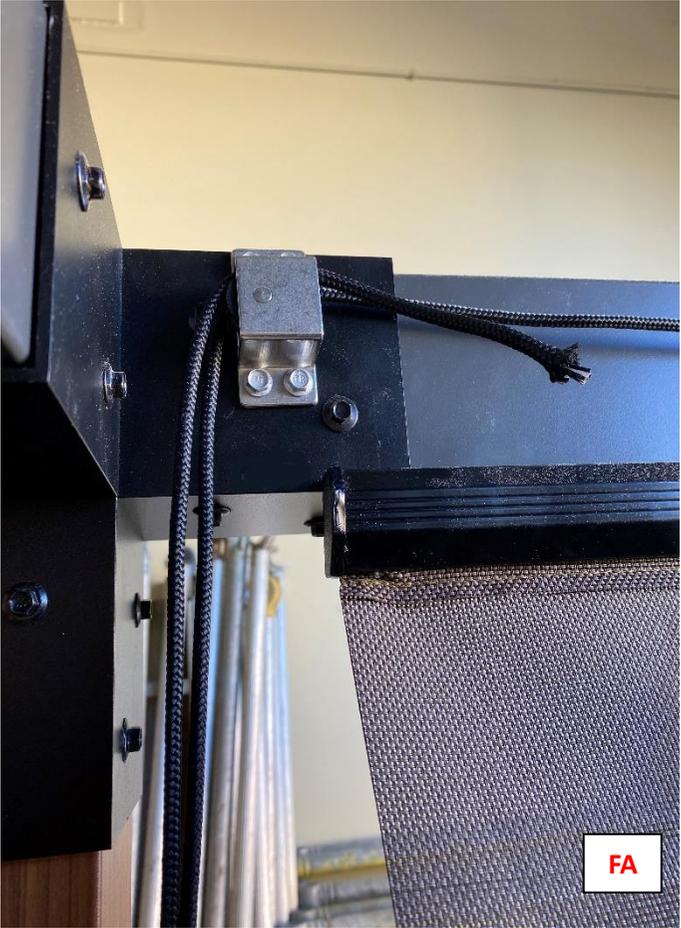
Feed both ends of the cord through the block pulley from the outside **(Fa)**, then through the double swing pulley **(Fb)**. Make sure to not twist the cord.

Pull a single top cord all the way to the opposite end and get a helper to close the roof. **(Photo Fc)**

Pass the single top cord through the single swing pulley, make a loop and crimp. Fit the first Stainless Steel loop joiner through the rope loop and the centre control saddle on the last roof support. **(Photo Fg, Fh)**

Holding the roof in the closed position, pull the other single cord until you have a loop at the control end hanging down your post at least 1600mm off the ground. Make a loop and crimp. Fit the second Stainless Steel loop joiner to this rope loop and attach to the loop of the centre control saddle on the roof support **(Photo Fi)**. **It is very important that the roof is in the closed position in all the above steps, to ensure the cord is not cut short.**

Make sure your Retractoroof is running smoothly and not binding. **Make sure your Roof is opening & closing completely before cutting the excess cord.** We supply an extra 2 crimps in case you have to adjust the cord length. Make sure the cord crimps are tight. Fix the rope cleat and wind the rope around it to lock the roof in any position.



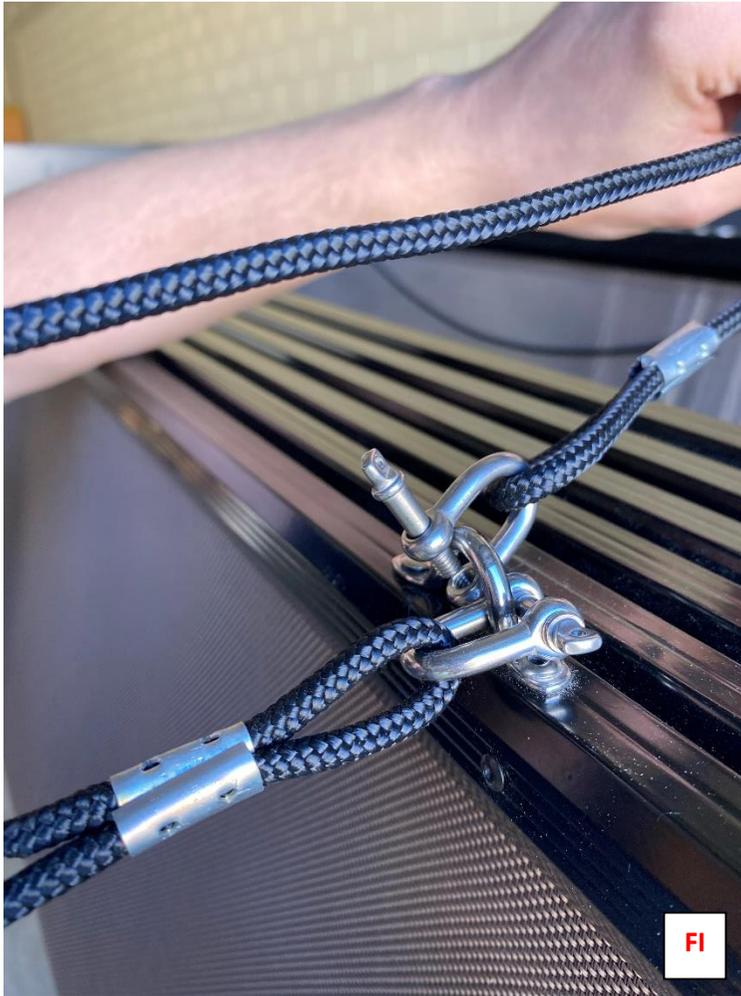


FB

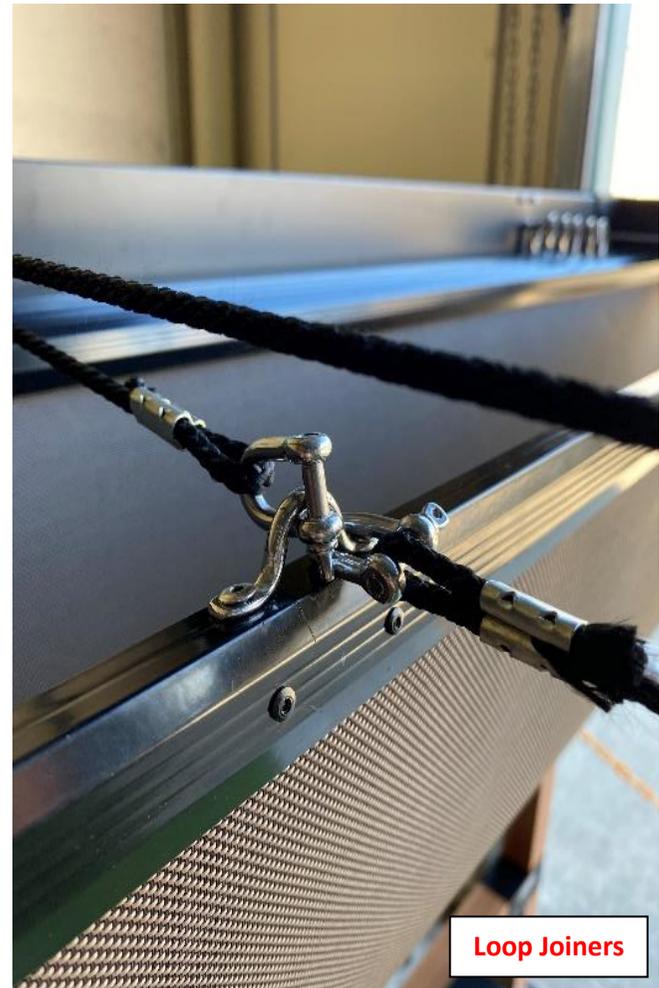


FC





FI



Loop Joiners

IMPORTANT INFORMATION:

Make sure you have all the tools on-hand before you start. Never over-reach when on a ladder or elevated platform.

Always have two extra helpers to assist with the installation. The process will be much easier and safer when you have help. Always keep children away from the work area.

Never leave the control cord unattached. Always tie the cord to the supplied cleat, mounted a minimum of 1600mm off the ground.

Measure three times.... It always works out better!

Do not install your new RETRACTAROOF if you are not confident or do not possess the skills required to do it yourself.

Tensioned Stainless Steel Wire can be dangerous if not installed correctly.

G

DO NOT LEAVE YOUR ROOF IN THE CLOSED POSITION IN ADVERSE WEATHER CONDITIONS INCLUDING HIGH WINDS.

We recommend the following tools & equipment.

2-3 Step Ladders, Ground sheet to protect the Retractoroof during installation, 6,8,10mm ring spanners, Drill, Drill bits, 4mm Hex key, Level, Pencil. Always wear eye protection when drilling or fixing screws to Aluminium.

If you have any questions regarding the installation of Shadecube RETRACTAROOF, please give us a call.



RETRACTAROOOF - by Ubuild Modular Pergolas

For questions & Support

Ubuild Modular Pergolas

Showroom & Factory

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1300 996 902

Or your nearest dealer

Dealer:

NOTES:



SHADECUBE WIREGLIDE RETRACTABLE ROOF

PULLEY SET UP

