



Refer to Bracket position drawing for location of brackets

Refer to the bracket position drawing for the location of the brackets. Use bracket as template to mark the position of the 4 holes.



Use a 4.5mm dia. drill bit through the marks on the timber. Drill square to the surface of the timber to a depth of 75mm.



optional 12mm plasterboard packer shown

The bracket is secured using 4No. dowel screws. Optional nylon bushes are provided to pack the bracket off the surface of the timber and allow the bracket to sit flush with 12mm plasterboard.



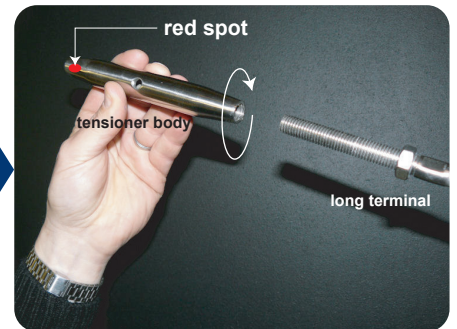
female bracket

Secure the bracket loosely with the 4 dowel screws, hold the bracket in its final position and then tighten each screw until the bracket is tight and parallel to the timber. Do not over-tighten the screws or use an impact driver.



female bracket

Identify that the wire has a short terminal at one end. Thread this terminal through the slot in the female bracket and into the bracket pin. Ensure the wire terminal is screwed fully into the depth of the threaded hole within the pin.



red spot

tensioner body

long terminal

Identify the tensioner body and the long terminal at the other end of the wire. Thread the tensioner (end without the red spot) onto the terminal one (anti-clockwise) turn only.



Bring the end of the wire with the tensioner across the roof to meet the male bracket. Offer the end of the tensioner (with the red spot) onto the threaded stud fixed to the male bracket. Rotate the tensioner onto the threaded stud of the male bracket, this will simultaneously draw in the terminal on the end of the wire. **DO NOT** allow the wire to rotate during this procedure.



male bracket

Keeping the wire terminal, tensioner and bracket stud in-line, continue to turn the tensioner until the slack is removed from the wire. **DO NOT** allow the wire to rotate during this procedure. Use a tool in the hole of the tensioner to apply the final turns. A 10mm spanner on the flats of the wire terminal will stop the wire from rotating.



Final tension is achieved once the wire is straight and taut. Do not overtighten and allow the sides of the roof to become distorted. Tighten the locknuts against both ends of the tensioner body. Complete the installation by fixing the plasterboard. Mask of the brackets and protect the wire assembly during the wet plaster process.

Install Tiewire prior to roof glazing  
 Ensure ridge is supported during Tiewire installation  
 Ensure all nut and stud threads are clean prior to adjustment  
 Protect the Tiewire assembly during plastering operations  
 Ensure brackets are fitted to follow the standard drawing and match the dimension below

