

RAPIDLOCK



Metal Fitting Instructions

Our new patented swageless terminals are easy to install.

Anyone can produce a professional wire balustrade installation without any swaging.

Simply insert the wire into our RapidLock™ fittings and it's securely locked in place!



AISI 316 marine grade stainless steel



Quick & easy to install on-site

Metal Fitting Instructions



STEP 1 | Mark Out and Drill Post Holes

Mark out and drill all of your posts at the required spacing and hole size. This system requires an 8.5mm hole in end posts and at least a 4mm hole in the intermediate posts.

STEP 2 | Pass Wire Through Posts

Feed the wire from the right hand side through any middle posts. Mark the wire 25mm from the cut end with a non- permanent marker.



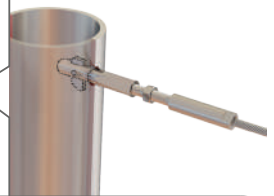
STEP 3 | RapidLock the Wire

Firmly push the wire into the opening of the **left** hand threaded RapidLock so that contact with the internal back end can be felt and then pull the wire back firmly to lock. Ensure the mark cannot be seen.

Handy Tip: when pushing the wire in, rotate the RapidLock in the same direction as the lay of the wire so that the individual wire strands don't become displaced.

STEP 4 | Connect to the Left Post

Thread the left hand Flip Locks onto the RapidLock 5 full turns. Insert The Flip Lock end into the Left Post and rotate and jiggle to release the toggle and secure the connection.



STEP 5 | Connect to the Right Post

Thread the right hand Flip Locks into the Right Hand RapidLock 5 full turns. Insert The Flip Lock end into the Right Post and rotate and jiggle to release the toggle and secure the connection.

Patented
Design

RAPIDLOCK

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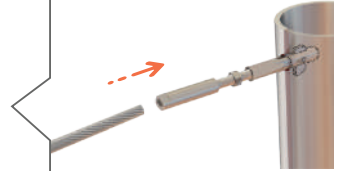
STEP 6 | Cut the Wire

At the right hand end post pull the wire tight and cut it in the line with dimple mark on RapidLock body. Then mark the wire 25mm from the cut end with a non permanent marker.



STEP 7 | RapidLock the Wire

Firmly push the wire into the opening of the **right hand** threaded RapidLock so that the contact with the internal back end can be felt and then pull the RapidLock away from the opposite end of the wire to RapidLock the wire. Ensure the mark cannot be seen. (Handy Tip: when pushing the wire in, rotate the RapidLock in the same direction as the lay of the wire so that the individual wire strands don't become displaced).



STEP 8 | Tension the Wire

The wire is now ready for tensioning. Wind the Right hand RapidLock clockwise into the Flip Lock end and take note that the other end is rotating and tensioning at the same rate. Have another person wind the other end anti-clockwise at the same time if needed. Continue to wind by hand until the wire is mostly tensioned, then complete using 2 mini shifting spanners. Press down on the wire to check the RapidLocks are fully set (locked) if the wire loosens, continue tensioning.

Once the desired tension has been achieved lock the system in place by tightening the hex nuts against the head of the Flip Lock fitting. **Repeat Steps 3-8 until all wires have been completed. Repeat on all sections.**



STEP 9 | Check the Connections

During tensioning the mark on the wire will reappear. A properly fitted RapidLock will be no more than 10mm from the mark on the wire. If so, use the release key to remove the Rapidlock and refit it. Follow the steps above. Once completed wipe off all the marks. The job is complete.



www.rapidlock.com.au



also
available
in black

RAPIDLOCK

Instructions for Stair Angles

Once holes have been drilled in your end posts, with the drill still inside the post hole, slowly adjust the angle of the drill to copy the angle required for the wires. The drill will ream out the holes so that the flip lock can then sit at the required angle.

Important! Make sure the angle of the hole will be slightly greater than required as if it is less than, the flip lock will be a different angle to the wire and the appearance will be diminished. Removing the flip lock to re-drill the angle will be quite difficult. Tip, Use an adjustable bevel or cut some cardboard to the required angle to use as an angle guide.

Important! When fitting the flip locks into the metal posts for stair angles, check that the toggle plate is horizontally positioned rather than vertical (vertical is shown in step 4 and 7). Once the flip lock is connected inside the hole, rotate the flip lock so that the elongated slots are on the sides and not top and bottom.

System Components



M6x32mm RHT & LHT Flip Lock Nut
316 Grade Stainless Steel



M6 x 35mm RHT & LHT Rapid Lock Stud
316 Grade Stainless Steel

Recommended Wire Rope



W03.2119
Designed for use with ultra bright 3.2mm 1 x 19 ProRig 316 grade stainless steel wire rope

Recommended Tools For Installation

Mini Shifter Spanner x 2
Hex Drive Bit 6.4mm
RLK-01 - Rapid Lock Release Key
WC-04CR Wire Rope Cutter

Recommended Drill Bits For Installation

DCB-040 4mm Cobalt drill bits
DCB-8.5 8.5mm Cobalt drill bits

Patented One-Way Jaw System

