stainless COASTAL clotheslines

Installation Guide for fixing to Brick, Stud Walls and all Posts

BEFORE YOU START: CAUTION

Coastal Clotheslines recommends using a tradesperson for drilling into any walls or posts in case of exposing asbestos, electrical cables, gas pipes, water pipes and other dangers. **Beware of heavy moving parts and only use to hang clothes on. This is not a climbing structure.**

Personal Protection Equipment: Safety glasses, ear muffs, dust mask.

KIT CONTENTS

2 x stainless steel frames, stainless cables swaged at one end.

DIY swageless stainless terminals & key, hex nuts, dome nuts and wire cutters.

TOOLS NEEDED

BRICK: Hammer drill, 7.5mm long series masonry drill bit (for wire-cut brick) OR an 8.0mm long series masonry drill bit (clay brick/stone).

STUDS: drill, 6mm drill bit

POSTS: ***Timber:*** Drill, 6mm drill bit . ***Steel: Nut & Bolt***: 5mm drill bit & 8mm clearance drill bit. ***Tapping:*** 7mm drill bit & an M8 x 1.25 tap.

Marking pen, tape measure, spanner or ratchet with a 13mm socket and spirit level. If mounting into older brittle brick we recommend using ChemSet as per instructions.

STEP 1. INSTALLING THE FIRST FRAME

1. Hold up your frame to the desired height and location (normally 185cm from ground level) with the outer side & outer hole of the frame lined up with brick, (not a mortar line), wall or post and mark through the outer most hole.
2. a) ***BRICK:*** Put the frame down and drill the first outer hole on the mark to 100mm DEPTH using the correct drill bit.
   b) ***STUD:*** Install Wall Plate: 90mm x 35mm x 600mm hardwood. Line up the wall plate horizontally for fixing to studs. Drill 4 holes (2 at each end) using 7mm drill bit into wall plate only. Now use 6mm drill bit, pilot drilling through the 7mm holes into the studs and fix in 7mm batten screws as required.
   c) ***POSTS: Timber:*** drill the first outer hole on the mark to 50mm DEPTH using the 6mm drill bit.
   d) ***POSTS: Steel:*** pilot drill first outer hole on the mark through the post skin using the 5mm drill bit following with an 8mm clearance drill bit.
3. a) ***Brick:*** pick up screw (masonry M8 x 100mm GAL) and slide an M10 washer onto it and put through outer hole of the frame and fasten screw to a depth of 95% using a spanner or socket.
   b) ***Stud:*** screw (coach bolt 8mm 316 Stainless steel) and slide M8 washer onto it and fix to wall plate to a depth of 95% using spanner or socket.
   c) ***POSTS: Timber:*** pick up screw (coach bolt 8mm 316 stainless steel) and slide a washer onto it and put it through the outer hole of the frame and fasten to post to a depth of 95% using a spanner or socket.
   d) ***POSTS: Steel: Nut & Bolt:*** pick up bolt M8 bolt and slide M8 washer onto it and put it through the outer hole of the frame and fasten through post to 95% using spanner or socket, placing M8 washer and Nyloc nut on the inside. ***Tapping***: drill & lubricate a 7mm hole through post with an M8 x 1.25 tap and install M8 bolts.
4. Using the spirit level, swing the frame up and mark the inner most hole through the frame.
5. Swing the frame down, drill the 2nd inner most hole as above for BRICK, STUD or POSTS. Swing the frame back up into position and pick up required fastener with washer and put it through the inner most hole of the frame.
6. Using spanner or socket, nip up to 95% and then finish tightening the outer curved side hole to 95%.
7. Now the frame is securely fixed, drill through remaining holes as required and place washers onto remaining screws/bolts and tighten to 100%.

STEP 2. INSTALLING THE SECOND FRAME

1. Repeat the process as above for the first frame within your desired DIY cable length.

STEP 3. INSTALLING THE CABLES

1. Pick up the swaged cable end and screw a hex nut onto the thread until it is at the base of the terminal.
2. On the inside of the FIXED FRAME on the wall, insert the threaded end of the terminal through the hole CLOSEST to the wall, pushing through just enough thread to screw on a hex and dome nut onto the other side, then wind the inner hex nut in from the terminal towards the frame to tighten.
3. Now insert the DIY swageless terminal as above for the other fixed frame's corresponding holes remembering to wind the inner hex nut towards the frame to tighten.
4. Now stretch out the cable to the 2nd frame, going beyond the DIY terminal, MARK & CUT the cable **just past the 2nd grub screw** on the DIY terminal.
5. Insert the cable into the DIY terminal tightening with key provided. Once cable tension is set nip up hex & dome nuts FINGER TIGHTEN ONLY.
6. Insert remaining cables using the above process. **LASTLY nip up with a 10mm spanner DO NOT OVER TIGHTEN.**

Note: Some further tensioning may be required in the future so hand tightening is the best practice. **Clean your frames & wires with warm soapy water & a light scour once in a blue moon (or 3 monthly if beachside). Thanks for choosing to hang out with a Coastal Clothesline and 'LOVE IT FOR LIFE'!**