

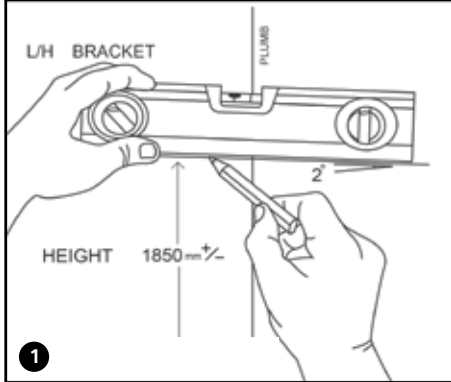
INSTALLATION - FOLDING CLOTHESLINES: BRICK, TIMBER STUD WALLS



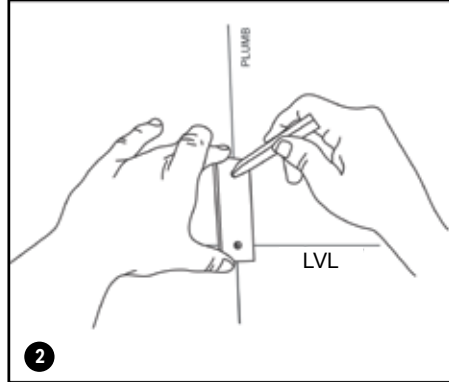
WARNING: BEFORE installation Coastal Clotheslines recommends using a tradesperson & personal protection equipment. AVOID all hidden dangers in walls & posts (electrical/gas/water) & non-structural structures. Coastal Clotheslines will not be held liable for personal injury, death or property damage resulting from incorrect installation or misuse. Beware of heavy moving parts and only use to hang clothes on. Keep out of children's reach and this is not a climbing structure.

KIT CONTENTS: 6 line, 5 line, 4 line w 316 or DUPLEX cables 80mm longer than ordered length. **EVERY KIT:** Brackets x 2, DIY swageless stainless terminals x 6/5/4, allen key x 1, hex nuts x 18/15/12, dome nuts x 6/5/4 and wire cutters x 1, stainless cables swaged at one end x 6/5/4, linchpins x 2. **WALL MASONRY & TIMBER STUD MOUNTS:** 4 x 65mm & 4 x 75mm M8 316 coach bolts, 4 x grey & 4 x orange wall plugs, 8 x M8 316 washers & "Mount Tab Assembly" known as MTA (total 4 pieces - 2 short w 1 hole, 2 longer w 2 holes).

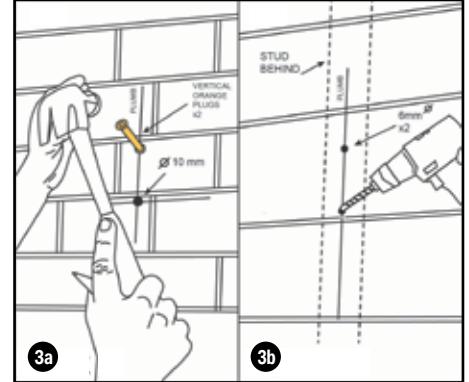
DO NOT PRE-CUT CABLES AS BRACKETS ARE CURVED & LENGTHS VARY!



1. BOTH: Mark height location approx 185cm from ground level, use spirit level to draw a horizontal line for the bracket, slightly offset by 2° with an inward tilt (spirit level bubble will be off centre). Draw a vertical line through the horizontal line marking both the centre hole bracket position. Use this method for all clotheslines.

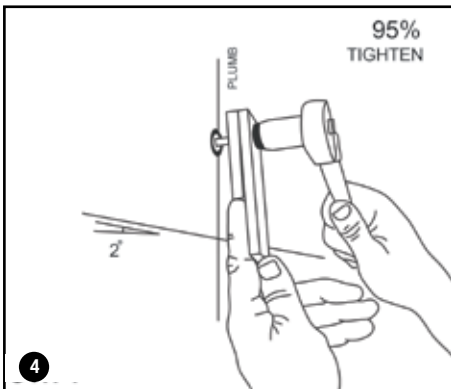


2. BOTH: Timber Studs mark centre holes on the stud line OR Masonry DO NOT drill into mortar lines. In the 'MTA' use the 2-hole piece, placing it on the marked vertical position with the lower of the holes centered on the marked cross line & mark through the top hole on the wall.

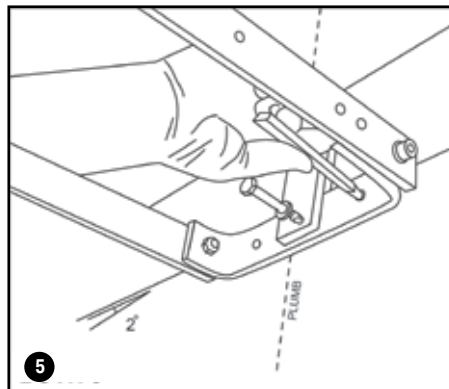


3a. BRICK: Now hammer drill with 10mm masonry bit both marked/cross holes to a depth of 75mm. Remove dust & debris & hammer in 2 orange plugs until flush with wall ready for the 75mm bolts.

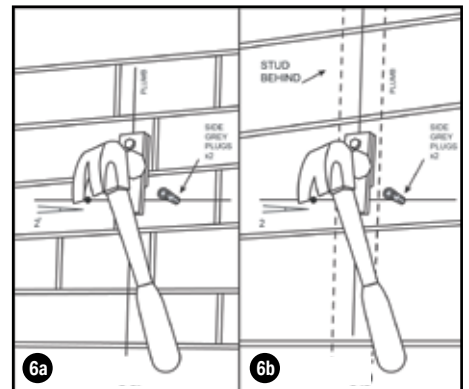
3b. TIMBER: Drill 6mm drill bit to a depth of 75mm into both 2-hole vertical positions in line with stud ready for the 75mm bolts.



4. BOTH: Slide a washer onto a 75mm bolt and slide this through the top holes of the entire 'MTA' (1-hole tab under 2-hole tab) now tighten into the top drilled hole with spanner to 95% tightness.



5. BOTH: Pick up the clothesline bracket slide it under the 'MTA'. Line up the centre clothesline bracket hole with the 'MTA', using it as a template, mark the remaining side holes through the bracket onto the level line then remove the bracket.

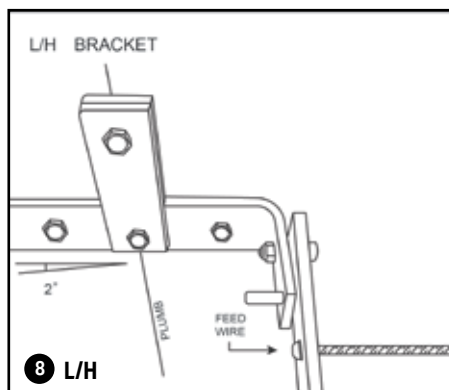


6a. BRICK: Hammer drill with 10mm masonry bit both side marked holes to a depth of 75mm. Remove dust & debris & hammer in 2 grey plugs until flush with wall ready for 65mm bolts.

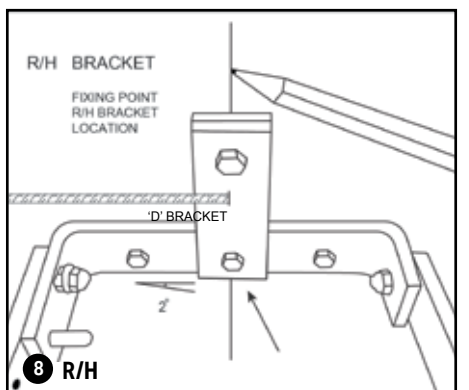
6b. TIMBER: Drill side holes with either a 6mm drill bit to a depth of 75mm or drill with a 10mm drill bit for board sheet/wall plug applications using grey plugs ready for 65mm bolts.



7. BOTH - MASONRY & TIMBER STUD: Pick up the clothesline bracket and slide under the 'MTA'. Hand screw remaining 3 x M8 316 coach bolts & washers through bracket into wall plugs or timber to 100% then nip up the top bolt to 100%. The bracket should tilt 2° inward toward the next bracket.



8. INSTALLING 2ND BRACKET: Repeat fixing process as per L/H bracket. R/H bracket location - feed cable through L/H bracket's first hole closest to wall, pulling along wall & mark at the end of the cable. This is the centre hole location maximum distance of the R/H bracket.



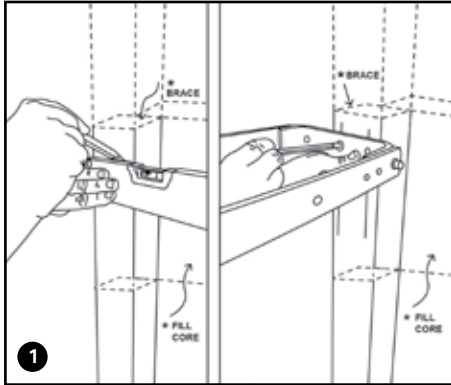
INSTALLATION - FOLDING CLOTHESLINES: POST & FENCE TIMBER/STEEL



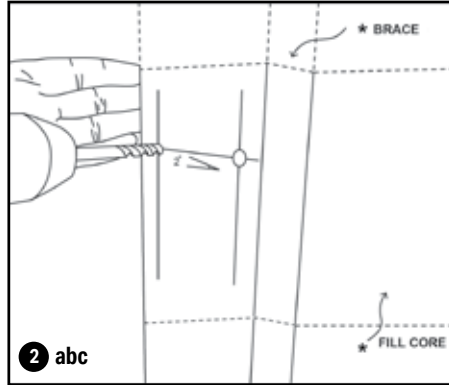
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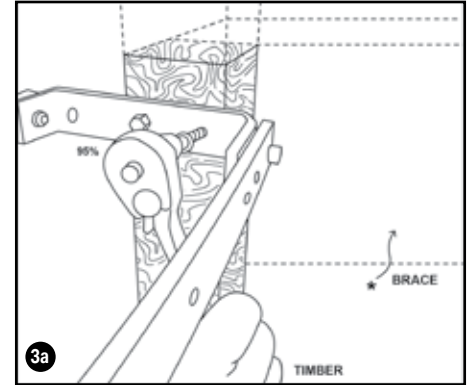
1. Mark height location approx 185cm from ground level & use a spirit level to draw a horizontal line for both brackets that is slightly offset by 2° with an inward tilt to each other (the spirit level bubble will be off centered). Draw vertical lines through the horizontal line marking the desired bracket positions by picking up the bracket and marking through at least 2 bracket holes for structural rigidity or 3 holes for wider posts.



2a. TIMBER POSTS: Drill marked holes with 6mm drill bit to a depth of 75mm.

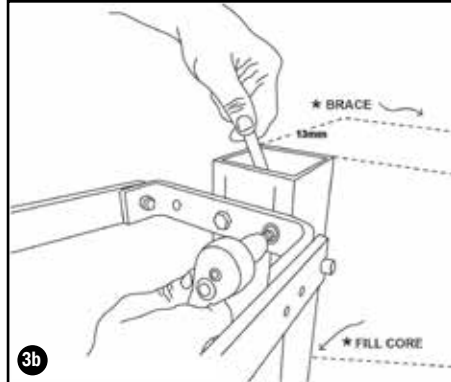
2b. STEEL POSTS: Nut & Bolt (internal access). Drill marked holes with 5mm pilot drill bit through the skin of the post using lubricant if possible. Now drill through the pilot holes with the 8mm clearance drill bit.

2c. STEEL POSTS: Tapping (no access) - Drill marked holes with 5mm pilot drill bit through the skin of the post using lubricant if possible. Now drill through the pilot holes with the 7mm drill bit to create tapping holes.

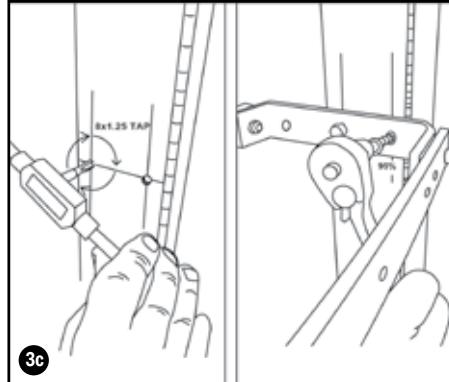


3a. TIMBER POSTS: Place washers on coach bolts & use the spanner to fix 'all coach bolts & washers' into the drilled holes to 95% tightness.

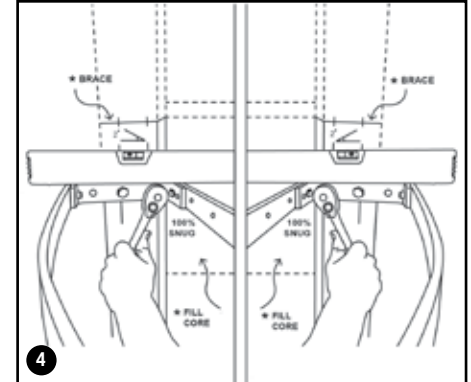
NOTE: *Brace - Timber post bracing is recommended from post to wall and fixing into brace is also recommended. *Fill Core - Steel Posts - fill core 75% with concrete to stiffen posts.



3b. STEEL POSTS: Nut & Bolt Access - Pick up bracket & place washers on hex bolts through the bracket and into the post placing a washer and nyloc nut onto the thread inside the post by hand. Repeat with all hex bolts, washers & nuts. Use 13mm spanner & ratchet to tighten all hex bolts to 95%.



3c. STEEL POSTS: No Access Tap - Once drilled pick up M8 x 1.25 tap and lubricant. Slowly & methodically wind tap in with either a tap wrench or slow moving clutch drill winding in & out removing swarf. Once all holes are tapped place bracket onto post with hex bolts & washers tightening with 13mm spanner to 100% on all hex bolts.



4. INSTALLING 2ND BRACKET: For location - feed cable through L/H bracket's 1st hole closest to wall pulling along wall & mark at the end of the cable. This is the centre hole location maximum distance of the r/H bracket. Repeat fixing process as per L/H bracket and tighten all bolts to 100% with 2° offset in place.

INSTALLING CABLES for ALL CLOTHESLINES - SCAN QR CODE

NOTE: Brackets are curved so cable lengths vary!

- Swivel clothesline brackets up & insert linchpins into holes. 1st bracket - Thread every swaged cable through each hole pulling all the way through.
- Now finger screw 2 hex nuts on every DIY terminal down the thread nipping the closest to the terminal base with a spanner.
- 2nd bracket - Feed through every hole a DIY terminal allowing enough thread to screw on the 3rd hex nut and dome nut on the outer side. Now finger wind the inner hex nut in from the DIY terminal base towards the bracket to tighten.
- Use the allen key to back off each grub screw in every DIY terminal to allow for cable insertion.

- Stretch out the 1st cable closest to the wall over to the 2nd bracket, go beyond the DIY terminal, HOLD to the spot on the cable lining up just past the 2nd grub screw on the DIY terminal & cut with cutters provided.
- REMEMBER: remove the linchpins and thread them onto this cable and re-insert linchpins in upright position.
- Insert cable into the DIY terminal tightening with each grub screw w the allen key. Once approx. cable tension is set, further tighten outer hex nut to bracket. FINGER TIGHTEN ONLY.
- Insert remaining cables as above cutting each cable as you go. FINGER TIGHTEN ONLY outer hex nuts until even tension is achieved on all cables. LASTLY nip up inner hex & outer dome nuts with 10mm spanner DO NOT OVER TIGHTEN.

TIGHTENING THE CABLES - SCAN QR CODE

- Remove all outer dome nuts from DIY terminals with a spanner.
 - Loosen each inside hex nut closest to bracket with spanner and wind back a few turns.
 - Simultaneously whilst pushing the terminal through the bracket, HAND WIND the outside hex nuts towards the bracket on the terminal, working on each terminal and the lines will begin to tighten to even tension.
 - Tighten inside hex nuts against the bracket with a spanner.
 - Nip up outside dome nuts with a spanner to complete operation.
- NOTE:** Best practice for cable tension is achieved by hand tightening outer hex nuts & spanner tightening inner hex nuts.

