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## SHADE SAIL ANCHOR INSTALLATION GUIDE FOR TILE ROOF

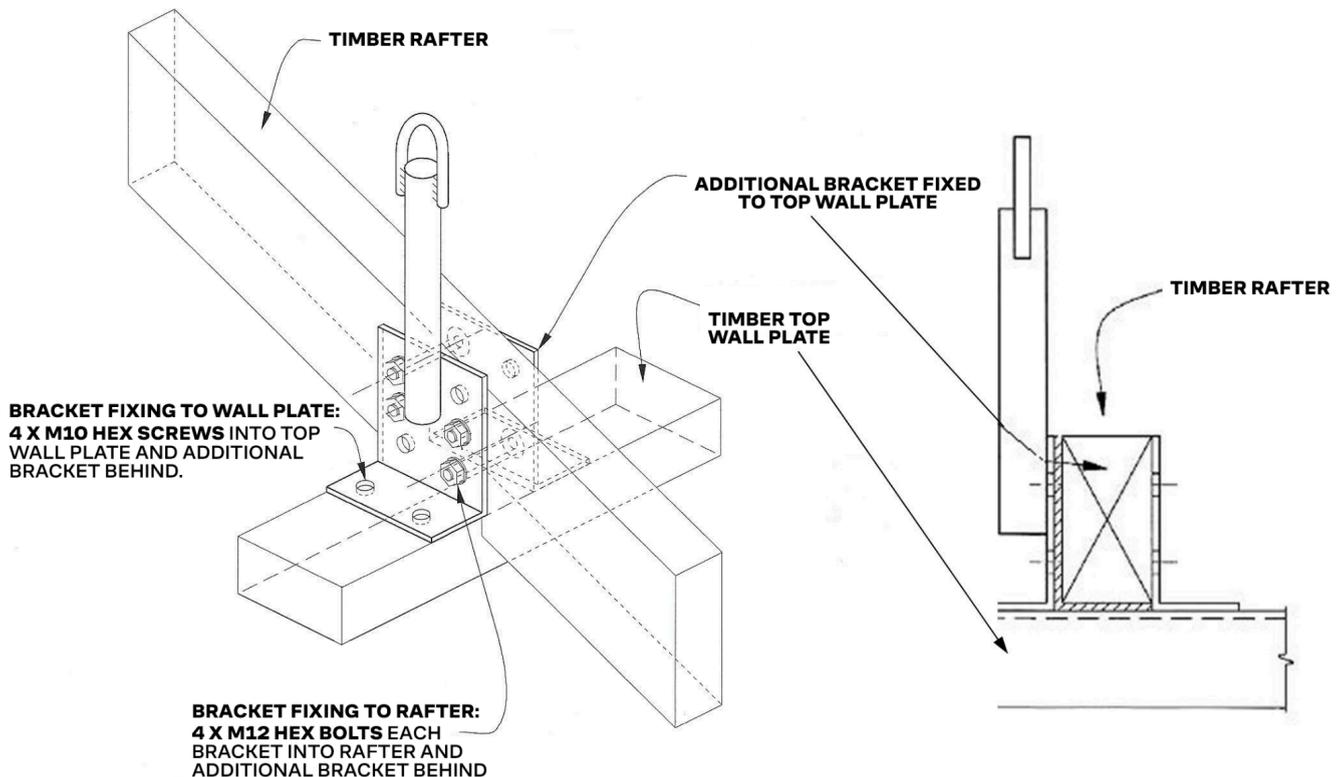
### GENERAL INSTALLATION

- 1 Remove roofing tiles to achieve an opening to fit the Roof Extenda Shade Sail Anchor.
- 2 Bolt the section with the steel rod and the backing plate to the selected rafter using **4x M12 Hex Bolts**. Secure the anchor and backing plate to the wall top plate with **4x M10 Coach Screws** through the lower bottom holes.
- 3 Replace the roof tiles, cutting a hole to allow the loop to penetrate the roof.



### CARE INSTRUCTIONS

Roof Extenda recommends painting or powder coating the Shade Sail Anchor before installation for additional corrosive protection. Shade Sail Anchors to be cleaned and inspected yearly and re-coated if required.



### NOTE

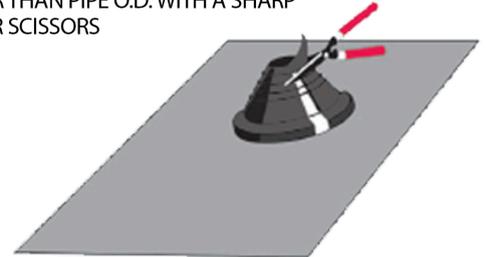
Local Council or Shire approval may be required prior to construction. Roof Extenda accepts no responsibility for the type of construction undertaken. The Shade Sail Anchor has been strength tested. When bolted in the top holes, the Anchor can withstand up to 2.3kN of force. When bolted in the middle holes, the Anchor can withstand up to 1.3kN of force. We advise you to carefully evaluate the shade sail size, location, wind category & installation design before purchasing.

## SHADE SAIL ANCHOR AQUA TILE INSTALLATION

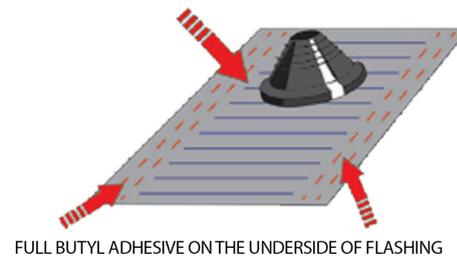
- 1 Remove roofing tiles to achieve an opening to fit the Shade Sail Anchor.
  - 2 Bolt the section with the steel rod and the backing plate to the rafter using **4x M12 Hex Bolts**. Secure the anchor & backing plate to the wall top plate with **4x M10 Coach Screws** through the lower bottom holes.
  - 3 Replace roof tiles, cutting a hole to allow the loop to penetrate the roof.
  - 4 Ensure tiles are cleaned before installing the Aqua Tile to ensure the butyl adhesive can have maximum effect when bonded to the tiles.
  - 5 Cut the rubber cone at least **15mm smaller** than the anchor's outside diameter with a sharp knife or scissors. Ensure there are no accidental nicks in the polymer, as this will continue to split/tear over time.
- Tip: Ensure the blades are sharp with no contamination e.g. glue or any accumulated dirt.**
- 6 Halfway peel back the lining from the underside of the Aqua Tile, so that the anchor is given access to the rubber boot.
  - 7 Lubricate anchor with water and slide the Aqua Tile down the anchor.
  - 8 Form an anti-capillary fold at the top of the base sheet.
  - 9 Remove the remaining protective backing from the underside of the Aqua Tile, that is covering the butyl adhesive.
  - 10 Hand form the base all around the tile and apply pressure to the Aqua Tile base, so that the full butyl adhesive sticks to the tiles.

ENSURE TILES ARE CLEANED BEFORE INSTALLING THE AQUA TILE FLASHING TO ENSURE THE BUTYL ADHESIVE CAN HAVE MAXIMUM EFFECT WHEN BONDED TO THE TILES

CUT THE RUBBER CONE AT LEAST 15MM SMALLER THAN PIPE O.D. WITH A SHARP KNIFE OR SCISSORS

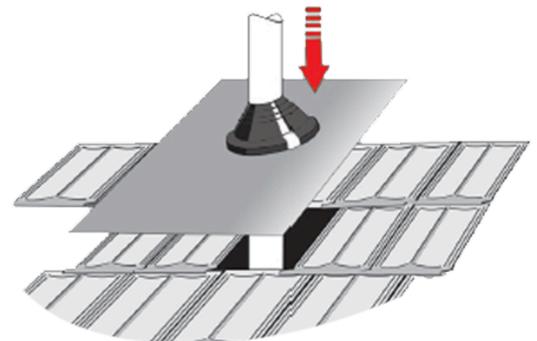


HALFWAY PEEL BACK THE LINING FROM THE UNDERSIDE OF THE AQUA TILE, SO THAT PIPE IS GIVEN ACCESS TO THE RUBBER BOOT

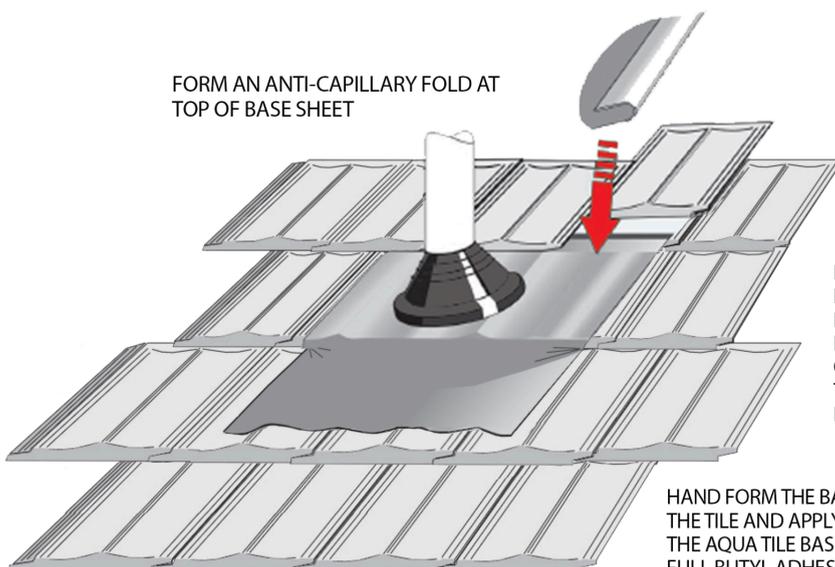


FULL BUTYL ADHESIVE ON THE UNDERSIDE OF FLASHING

LUBRICATE PIPE WITH WATER AND SLIDE THE FLASHING DOWN THE PIPE



FORM AN ANTI-CAPILLARY FOLD AT TOP OF BASE SHEET



REMOVE THE REMAINING PROTECTIVE BACKING FROM THE UNDERSIDE OF THE AQUA TILE THAT IS COVERING THE BUTYL ADHESIVE

HAND FORM THE BASE ALL AROUND THE TILE AND APPLY PRESSURE TO THE AQUA TILE BASE, SO THAT THE FULL BUTYL ADHESIVE STICKS TO THE TILES