

400 Tile Flashing Installation & Assembly Instructions



CAUTION: Raw edges of skylight components and cut edges of roofing iron are sharp. Care must be exercised during installation to avoid injury.

SAFETY PROCEDURES: Ensure there are no electrical wires, plumbing or other obstructions in the way when cutting out the penetration in both the ceiling and roof. If obstructions are present, contact the related tradesperson to make safe the area.

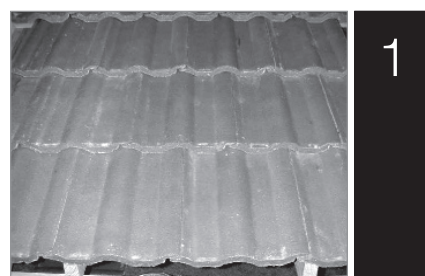
NOTE: Please familiarise yourself with components prior to installation.

This flashing is suitable for all types of cement and terracotta tile roofs

Step 1:

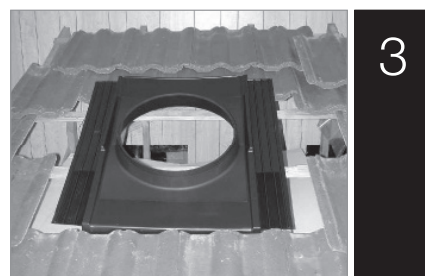
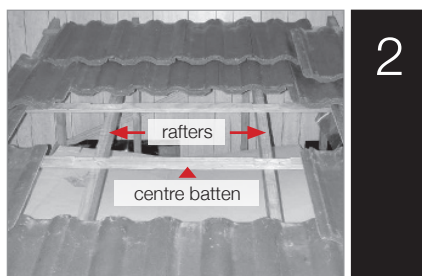
As the Top A Angle Adaptor can only be swivelled to a maximum angle of 30 degrees, therefore if the roof pitch (angle) is greater than 30 degrees, the centre position of the flashing should be positioned approximately 1 tile batten down from the vertical line position.

NOTE: The centre point location of ceiling component should be backward of the centre tile batten - vertically above.



Step 2:

Locate and remove several roof tiles above the position for the installation of the ceiling component fitting (2).

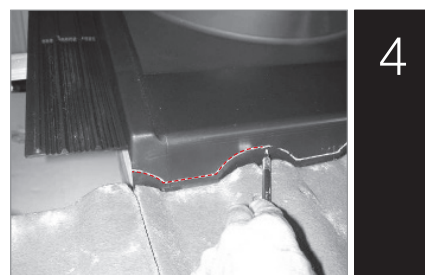


Step 3:

Position the flashing in the opening, making sure the turret opening is positioned between the rafters and clear of any other obstructions (3).

TIP: Always try to place one side of the flashing in line with a tile joint line. This will help to reduce the number of tiles to be cut which sit over the wing sections.

NOTE: Mark and cut out a section of the centre tile batten so to allow tubing to pass through opening of the flashing.

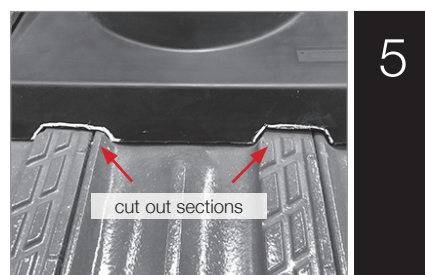


Step 4: CONCRETE TILE

Once the flashing is correctly positioned, bring the front skirt of flashing up against the back edge of roof tiles and trace profile of roof tiles onto front skirt of the flashing (4).

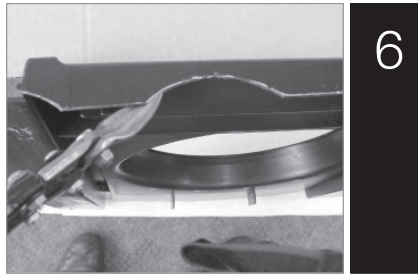
NOTE: Make sure the bottom face of the wing sections are level with the highest section of the front roof tiles. This also applies with Terracotta roof tiles.

TERRACOTTA TILES Once the flashing is correctly positioned, and with the bottom edge of front skirt sitting on top roof tiles, mark sections to be cut out on front of flashing (5).



Step 5:

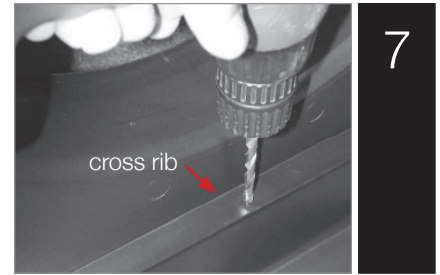
Remove flashing and cut out marked sections on front skirt using tin snips (6).



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Step 6:

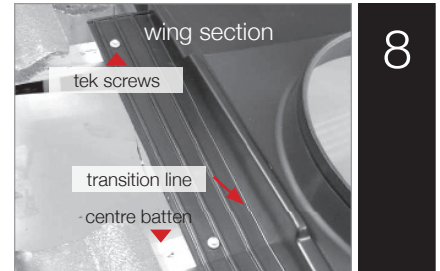
Drill 1 or 2 6mm holes through the rib on the underside which runs across the front of the flashing (7). This is to accommodate cable ties.



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Step 7:

Fit the flashing into position making sure the front skirt of the flashing is in line with the front edge of the first 2 side tiles or position the transition line of both side wing sections along front edge of the centre battens. Secure the flashing to centre and top battens with 4 roof tek screws placed at outer edges of the wing sections (8).

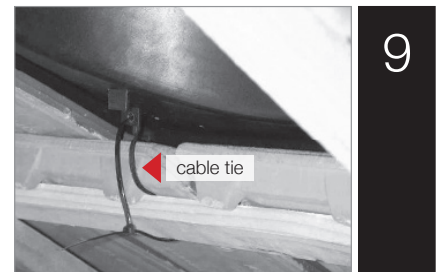


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Step 8:

Secure front middle section of the flashing with cable tie passing through drilled hole in cross rib and around tile batten (9).

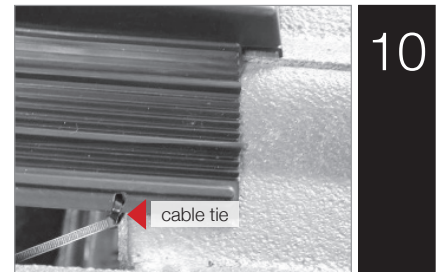
TIP: Do not over tighten the cable tie, as this may change the shape of the top front section of the flashing.



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Step 9: CEMENT TILES ONLY

Drill a 6mm hole at outer edge of the wing section just behind the back edge of the lower roof tiles. Then pass cable tie through hole and around tile batten. Carefully tighten cable tie to form front wing section over shape of roof tile (10).



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Step 10:

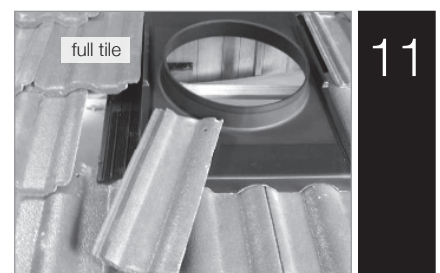
Proceed to fit back full tiles where possible (11).

Step 11:

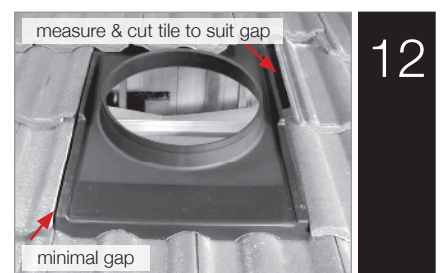
Where there is less than a full tile to fit; measure and cut tiles to suit opening, making sure there is minimal gap between tile and side section of flashing (12). Once side tiles are place, fit tiles over the top-back section of the flashing.

NOTE: If cut tiles can't be locked into place (applies only to cement tiles) they will need to be secured to prevent them from sliding out.

This can be done by applying a "BLOB" of silicon sealant only at the very back edge on the overlapping joint of tiles.



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Step 12:

In order to have the roof tiles which sit over the wing sections sit down correctly, it may be necessary to remove the lug at back of the roof tile (13).

Step 13: CEMENT TILES ONLY

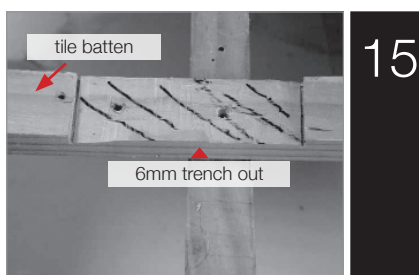
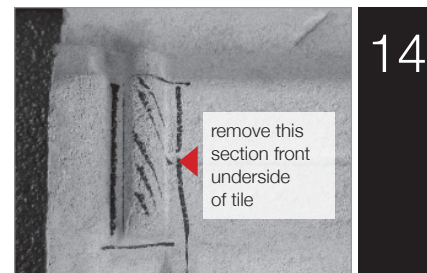
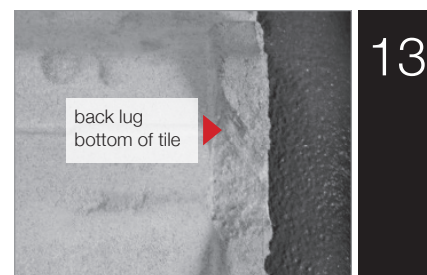
To prevent the front 2 tiles which sit over the wing sections from sitting up too high, it's best to remove the second lug at front of cement tile (14). This will allow the front lug to become a lip which will sit over the end of the wing section.

Step 14: CEMENT TILES ONLY

When installing the flashing onto a roof tiled with the flatter type shingle tiles, the tile battens need to be rebated to a depth of approximately 6mm which will allow the wing sections to sit down into battens (15).

This will allow the tiles to sit flatter over the wing sections.

NOTE: The 2 lugs at back of flashing will need to be reduced in height by 6mm so to allow the back section of the flashing to sit flat (16).



NOTE: This installation instructions must be followed as specified for an effective installation result. Any deviation from this installation instructions will void the warranty.