

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.

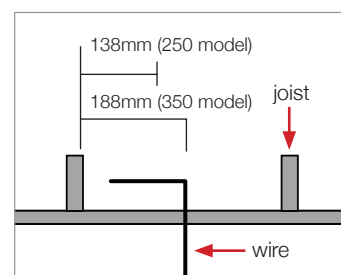
NOTE: Please familiarise yourself with components prior to installation.
The installation procedure is exactly the same for all four flashings

Step 1: Marking the Ceiling Location

From inside the room, select the desired location on the ceiling. Use a hammer or stud finder to locate a space between the joists in the ceiling. Tap lightly to identify ceiling joists. Hammer a small nail through the ceiling (centrally between joists) to mark the approximate location. This nail can be used to locate ceiling position once you enter the roof attic space to check positioning and mark roof location.

No Access to Roof Attic Space

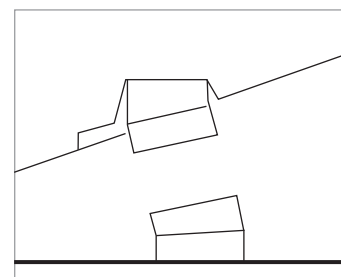
Remove small nail and insert and twist a bent piece of wire 360° in small hole to make sure there is minimum clearance of 138mm radius for the 250 model or 188mm radius for the 350 model between the nail hole and any joists or obstructions. While turning the wire, push up through the ceiling hole to ensure that no other obstacles, pipes, wires or vent ducts are in the tube path to the roof (Diagram A). If obstacles exist, move to an appropriate location and check again for clearance. **(1)**



1

Step 2: Roof Location

From inside the attic, locate the nail/wire at ceiling location. Adjust the location to avoid joists or obstacles in the tube's path to the roof and to ensure clearance. Use a level or plumb bob to find the roof location directly over the centre of ceiling hole. Transfer this location onto the roof surface.

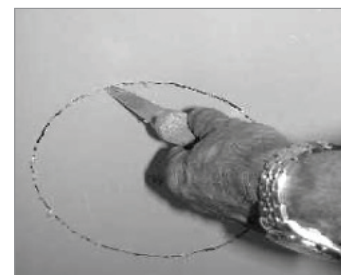


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Tiled: Lift/move or place object between tiles, so location can be easily identified from top of roof.

Metal: Drill a 5mm hole through metal roof sheeting, then place object through hole which can be easily identified from top of roof.

Note: If the roof opening cannot be made directly above the ceiling opening, the roof opening may be relocated. If relocated, the top and bottom tube angle adapters may both need to be adjusted to the correct angle (max angle achieved by each of the angle adapters is 30°) (2).



3

Step 3: Cutting the Ceiling Hole

Mark a 275mm circle for the 250 ceiling ring or a 375mm circle for the 350 ceiling ring centred on the final ceiling location. Cut along ceiling as marked. **(3)**

Note: Do not cut ceiling hole until you are sure that the flashing can be installed in the desired location.

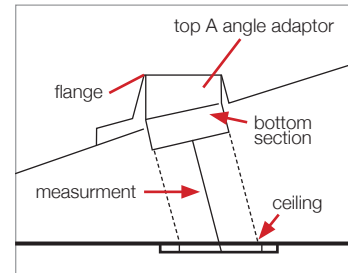
Step 5: Roof Flashing Installation

Refer to separate installation instructions for different types of tubular skylight roof flashings.

Step 6: Top A Tube Installation Aluminium Tubing

Insert the Top “A” angle adaptor into roof flashing and if the installation is not vertical, carefully rotate angle adaptor to align bottom section of angle adaptor with ceiling ring (4).

***Remove plastic film from inside of tubing before fitting the dome.**



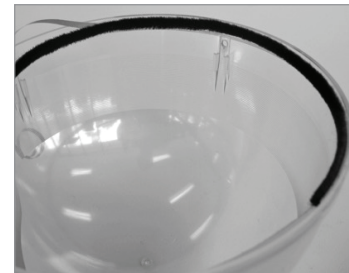
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Step 7: Dome Installation

a: Remove backing paper and place the mohair seal around inside face-bottom edge of the dome. Cut off excess and butt ends together (5).

b: Place the dome over the turret of flashing and firmly push down until dome stops.

Before fitting dome screws, drill (3mm) pilot holes into flashing, using holes around bottom edge of dome as a guide. Secure the dome to flashing using the stainless screws with neoprene washers, being careful not to overtighten screws (6).



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Steps 8, 9 & 10: Bottom Tube/Extension Tube Installation

Step 8: From inside room, measure the distance from bottom edge of top angle adaptor to bottom face of ceiling ring (4). Then deduct from the measurement taken, the length of “Bottom” angle adaptor.

Add (100mm) to this length, this accounts for the overlap of extension tubes into bottom and top tubes. With this measurement, determine the amount of extension tubing needed, remembering to allow an additional (50mm) for each overlapping joint of additional extension tubes.

Step 9: Extension tubes have both deep and shallow notches at each end so that they may be formed into tapered tubes (7). Weave opposite side of tube through one deep notch, centre notch and one shallow notch, then tape seam with foil tape.

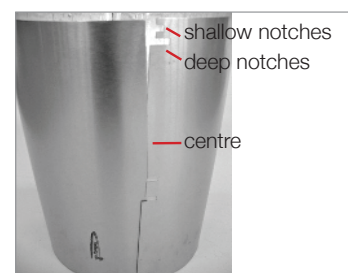
Note: If only using one extension tube, use the deep notches – both ends to assemble a parallel tube.

If using more than one extension tube in the installation, the bottom extension tube is parallel and all other extension tubes are tapered. Smaller end of tube is always orientated up.

***Remove plastic film from inside of tubing before assembling tubing into one another.**



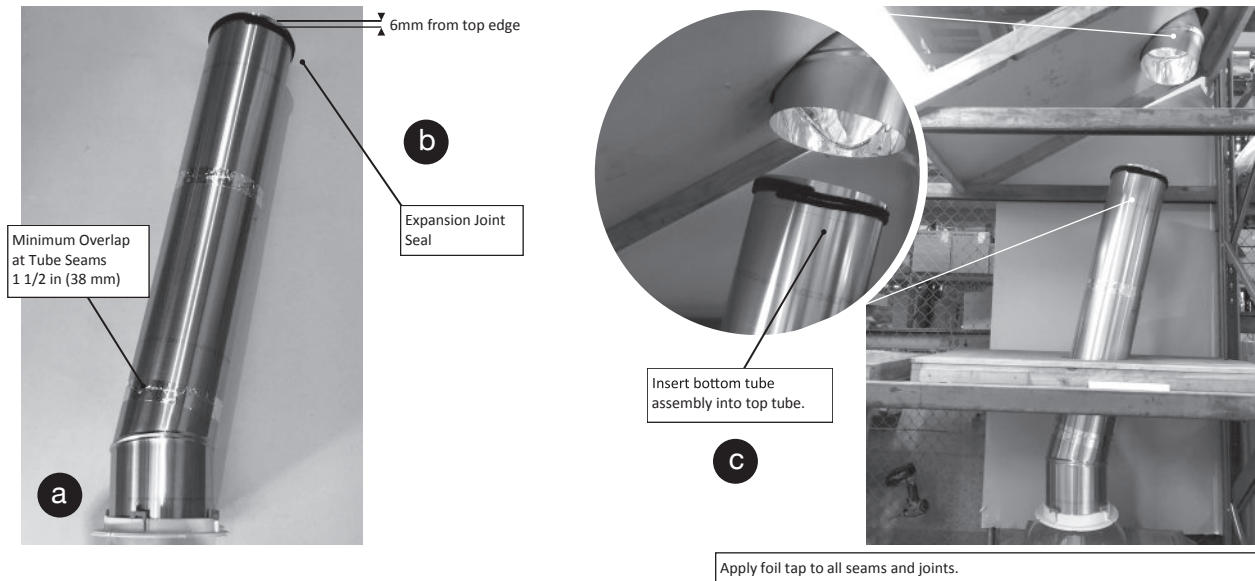
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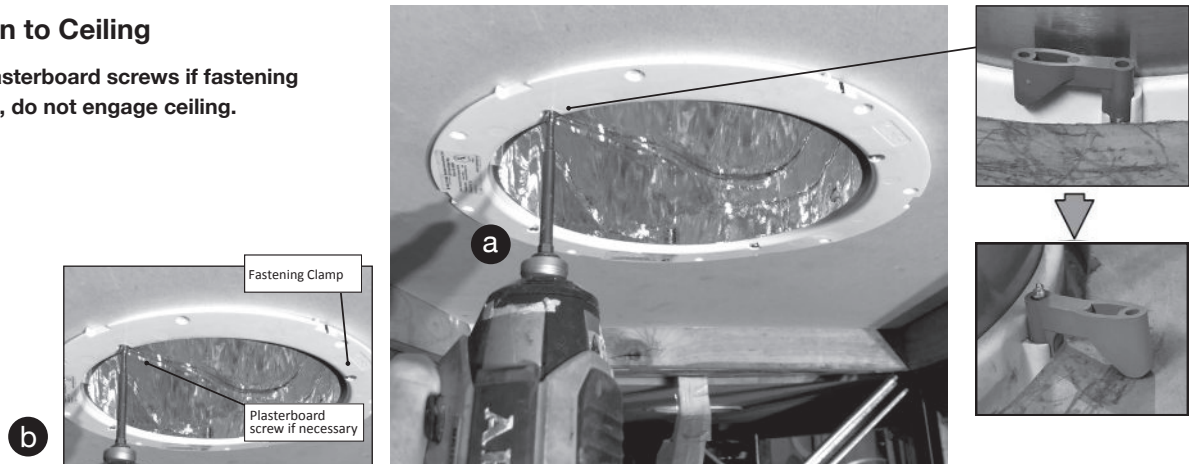
NOTE: This installation instructions must be followed as specified for an effective installation result. Any deviation from this installation instructions will void the warranty.

Assemble and Install Tube Run



Fasten to Ceiling

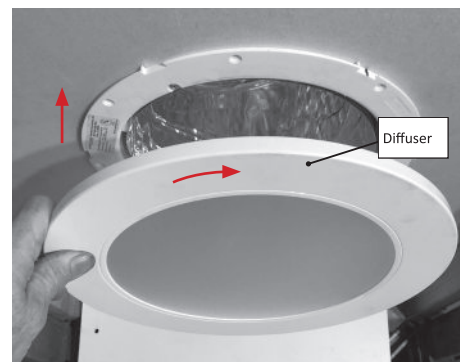
Use plasterboard screws if fastening clamps, do not engage ceiling.



Install Diffuser



Diffuser Cleaning Tip. If cleaning is necessary, wipe Diffuser or Decorative Fixture with a soft cloth or microfibre and water only to prevent scratches. Refer to Solatube Products Ownership Care Guide for more details.



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