☀ SOLATUBE. Slate & plain tile flashing

160DS flashing
(as shown in diagrams)
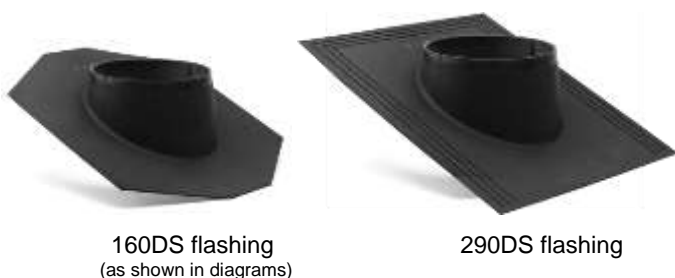
290DS flashing

Parts list

	Qty
Tile flashing	1
Flashing insulator	1
Flashing screws 50mm (in fastener kit)	8
Sealant cartridge	1

First complete the Solatube 160DS & 290DS installation guide Steps 1- 4

Step 1 – affix the flashing insulator

Align the flashing insulator to the underside of the roof flashing, matching the centres, and apply the aluminium tape provided firmly along each outside edge of the flashing insulator to securely fix the flashing insulator to the flashing **(diagram A)**. Later, when the top tube is inserted into the flashing up-stand, the flashing insulator will be stretched around the tube, creating a seal.

Step 2 – prepare the flashing location

Locate your nail/wire probe and remove sufficient tiles to allow you to place the top and aperture of the flashing onto the roof battens, leaving sufficient tiles at the bottom edge to allow the flashing to overlap sufficiently onto the tiles below. Double-check that no rafters or obstructions lie behind the proposed tube position **(diagram B)**. The tile pattern & size of tile will determine how many tiles need to be replaced and/or cut to size.

Step 3 – mark and cut the roof flashing hole

Place the flashing to one side. Centre the top tube assembly over the nail/wire probe and mark around the outside circumference onto the felt.

Place the top tube assembly safely and securely to one side. Neatly cut the roof felt and, if necessary, any obstructing batten(s) across the diameter of the circular flashing up-stand.

Replace the flashing over the hole and temporarily insert the top tube assembly into the up-stand and through the flashing insulator and felt to check clearance and, if necessary, to rotate the angle the top tube assembly towards the bottom tube assembly in the ceiling.

Apply a bead of sealant on the tiles that will be covered by the bottom edge of the flashing. Using the flashing screws provided, secure the top of the flashing to the appropriate batten and use a small amount of sealant to cover each screw head and press the bottom edge of the flashing onto the bead of sealant. Apply a bead of sealant across the top and down the sides of the flashing onto which the tiles will be re-laid **(diagram C)**.

Step 4 – replace tiles around the flashing

Re-lay and fix the tiles to the sides and top of the flashing ensuring there is a 40mm gap behind the flashing up-stand to allow the top tube assembly, dome ring and dome to be inserted into the flashing up-stand – note you may need to trim the tiles to achieve this. Ensure all tiles are firmly in position and the roof is fully watertight **(diagram D)**.
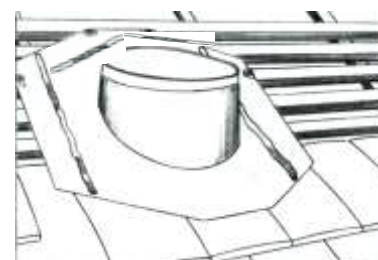
Diagram A

Diagram B

Diagram C

Diagram D