

TILE VENTILATION

One of the most popular products in our range is the vented tile, which is produced to suit most of the common concrete tile profiles and some clay ones, our speciality is the matching of second hand concrete or clay finishes.

Each vent is a two part concrete construction with aluminium insect mesh and a 110mm diameter plastic spigot for the attachment of flexypipes etc. As well as being a good solution for roof void venting to combat condensation they are just as well suited to mechanical ventilation in accordance with fan manufacturers specification when used in conjunction with the flexypipe. All vents can be coloured to match most requirements.

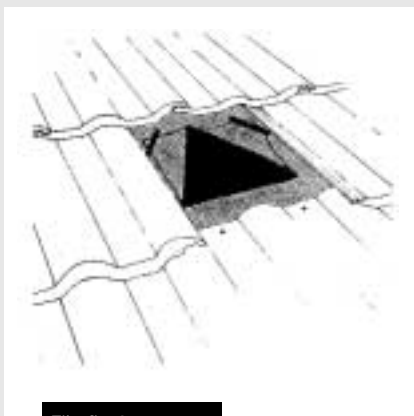


Fixing Instructions

1. Remove tile in existing roof.
2. Insert knife in the centre of exposed felt and make a vertical cut approximately 150mm long.
3. Cut felt again across the base of the first cut and fold back to form a triangular aperture.
4. Fit vented tile as you would a standard one.



Tile fig 1



Tile fig 2



Tile fig 2

Performance

The free airflow achieved by our products is as follows

Flat tiles	approx 3500mm²
Profiled tiles	approx 3000mm²
Plain tiles	approx 3500mm²
15x9 tile	approx 3000mm²
Clay files	approx 2500mm²

Note. As there are many different profiles and sizes of tiles, airflow will vary therefore the above figures are purely a guideline. It is considered good practice to use more, vent units than the minimum required.

To achieve the equivalent of 5-10mm continuous ventilation the units should be installed at 3metre centres for high level ventilation, if used to vent the eaves this should be reduced to 2metres. It is suggested where possible to ventilate using ridge vents as well as vented tile. If this is the case the amount of tile vents can be reduced. Ideally two vented tiles should be used for every ridge vent.