

Fig 35 Ventilation hood

This detail will only be required on roofs which need ventilating to avoid the risk of condensation; and in particular where some element of construction obstructs the free flow of air. This most commonly occurs at hips, pitched valley gutters and dormers. Ridges and abutments can quite easily be designed to accommodate more continuous ventilation slots, see Figs 13 (p49), 20 (p61) and 23 (p65).

Perforated copper insect mesh is available as a 40% perforated sheet. Copper or brass mesh is also available.

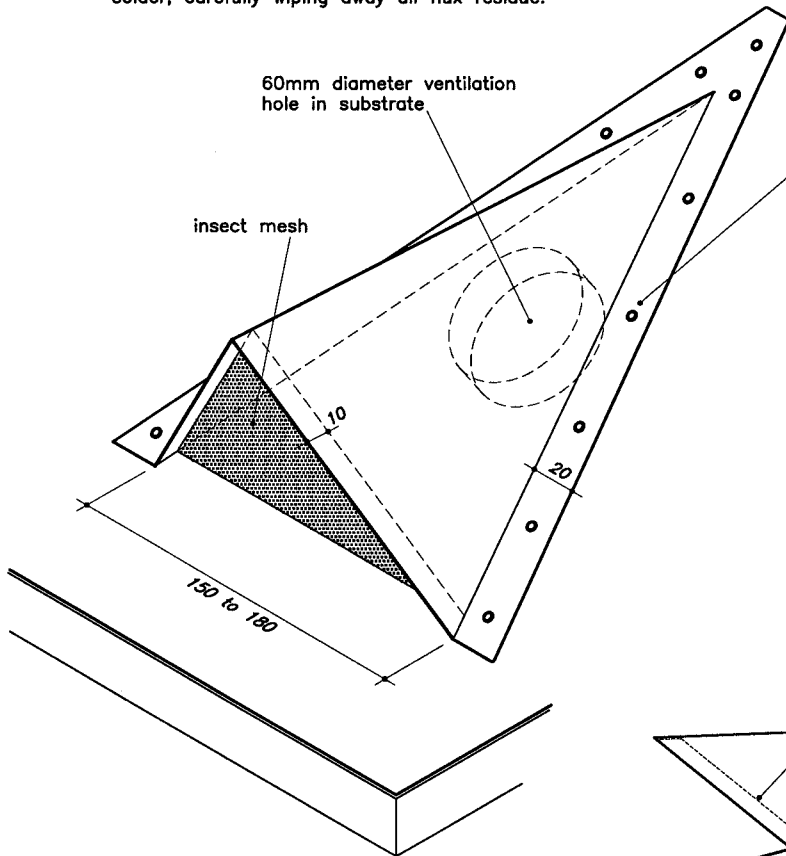
The ventilation hood is applicable to both Double-lock standing seam and Batten roll roofs.

Temper: quarter- or half-hard
Thickness: 0.6mm or 0.7mm

TRADITIONAL LONG STRIP

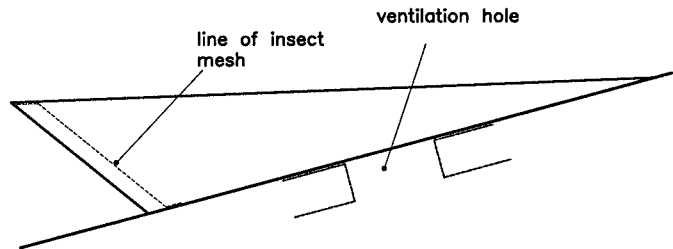
Stage 2

Fix the ventilation hood to the roofing sheet with copper rivets at 50mm centres. Alternatively use soft solder, carefully wiping away all flux residue.

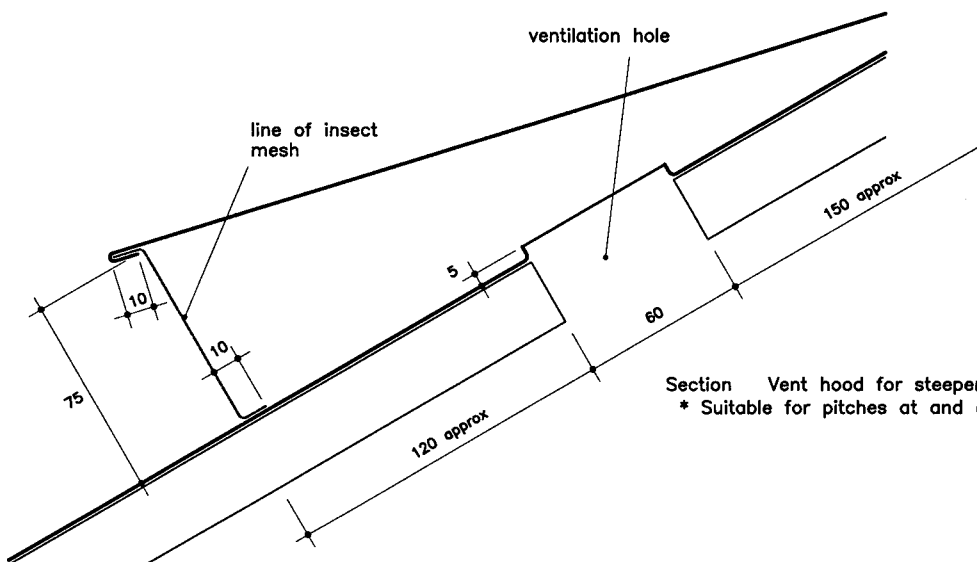


Stage 1

The hole, about 60mm in diameter, will already have been made through the substrate. After laying the roofing sheet, cut a circular hole through the copper with a diameter 10mm less than the hole through the substrate. Use curved snips. With a mallet, work the edge up to form a 5mm high lip.



Side elevation Vent hood for low pitches
* Suitable for pitches up to 30degrees.



Section Vent hood for steeper pitches
* Suitable for pitches at and over 30degrees.