



G RANGE TILE & SLATE VENTILATORS

Appearance

The ventilators match the roof tiles or slates in size, shape and colour, and all types are available for tiles or slates. See table for full range of standard profiles. Tile and ridge ventilators have silica sand entrained in a multi-coat water based environmentally friendly uv-resistant coating, to help weather more closely with the surrounding tiles over time. Slate ventilators have a smooth finish.

Roof pitch

G Range tile and slate ventilators are suitable for roof pitches between 20° and 60°. For other pitches consult our Technical Department.

Underlay opening protector

Supplied with G Range tile and slate ventilators to maintain the function of the underlay where it is cut to allow for the Universal Extension Sleeve. Any moisture that may penetrate the roof covering higher up the slope and run down the underlay is safely diverted round the opening, in compliance with BS 5250.



Universal extension sleeve

Should always be used with G Range tile and slate ventilators. It ensures that the roof underlay is cut and that there is a continuous permanent weatherproof path from the roof void to the outside without impairing the weatherproof function of the structure, in accordance with BS 5250. Supplied separately and snap-fits to the underside of the ventilator on site before the ventilator is installed.



G3 slate ventilator



G5 slate ventilator



G3 tile ventilator



G5 tile ventilator



Specification clauses

Ventilation of roof space
Provide low level/high level roof space ventilation by means of Glidevale G3/G5 tile/slate ventilators with integral 4mm large insect screen. Size/profilecolour (matched to tiles/slates), and to be installed complete with Glidevale extension sleeves and underlay opening protectors. Install at m centres as shown on drawings to provide ventilation area equivalent to.... mm²/m in accordance with Building Regulations Approved Document C2 2004 amd 2010 & 2013 and BS 5250: 2011. Fix in accordance with manufacturer's instructions.

SVP/mechanical extract terminals

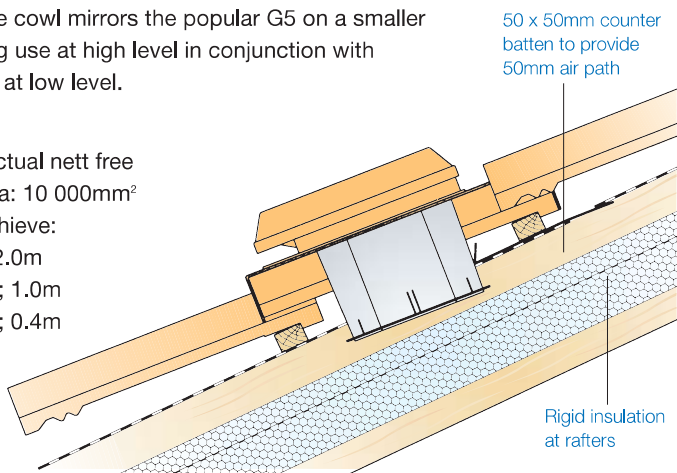
Soil vent pipe stacks/
Mechanical extract ventilation ducts to be terminated at the roof slope by means of Glidevale G3/G5 tile/slate ventilators, with integral 4mm large insect screen and condensate grooves. Size/profile..... colour(matched to tiles/slates), to be installed complete with Glidevale underlay opening protector, GV110 soil universal pipe adaptor and Flexi pipe. Install where shown on drawings and fix in accordance with manufacturer's instructions. All joints and connections to be airtight in accordance with Building Regulations Approved Document H, and all pipes and ducts in the roof space to be insulated.

G3 tile and slate ventilator

The low-profile cowl mirrors the popular G5 on a smaller scale, enabling use at high level in conjunction with G5 ventilators at low level.

Performance

Guaranteed actual nett free ventilation area: 10 000mm²
 Spacing to achieve:
 5000mm²/m; 2.0m
 10 000mm²/m; 1.0m
 25 000mm²/m; 0.4m

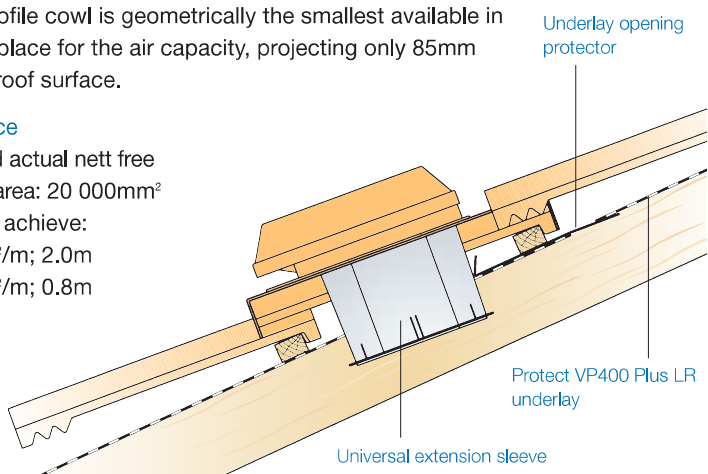


G5 tile and slate ventilator

The low-profile cowl is geometrically the smallest available in the marketplace for the air capacity, projecting only 85mm above the roof surface.

Performance

Guaranteed actual nett free ventilation area: 20 000mm²
 Spacing to achieve:
 10 000mm²/m; 2.0m
 25 000mm²/m; 0.8m



Soil vent pipe/mechanical extract

G Range ventilators can be used as terminals for soil vent stacks or mechanical extract ventilation ducts. Condensation grooves prevent any condensate running back down the duct. Not suitable for boiler flues.

Glidevale GV110 pipe adaptor

Supplied separately, snap-fits to the Ventilator and connects to Glidevale Flexi pipe to ensure an airtight connection complying with Building Regulations Approved Document H.



Performance

Airflow resistance when used as SVP/extract terminals

	G3	G5
54m ³ /h (15 ltrs/sec)	3.4Pa	0.6Pa
108m ³ /h (30 ltrs/sec)	11.5Pa	2.7Pa
216m ³ /h (60 ltrs/sec)	42Pa	11.4Pa

