

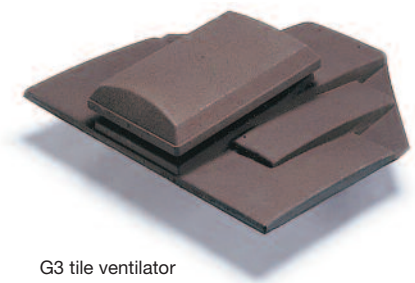
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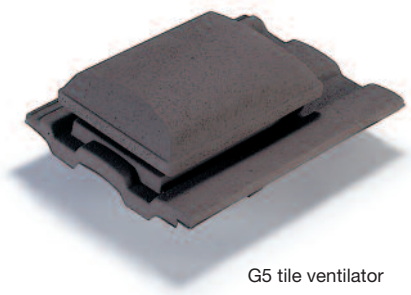
G RANGE TILE, SLATE & FLAT ROOF VENTILATORS







G3 tile ventilator



G5 tile ventilator







Glidevale profile dedicated G range tile, slate & flat roof ventilators are designed to ventilate through the roof slope and form an integral part of the roof covering.

The tile and slate ventilators can be used at low level or high level where the roof construction does not allow eaves or ridge ventilators to be used, such as where compartment walls or fire break walls obstruct airflow. They are particularly suitable for insulation upgrades when the roof covering is not being changed and recommended by the Energy Efficiency Partnership for Buildings as the solution for ensuring adequate ventilation is provided. They are also used in complex roof shapes where effective cross-ventilation is not possible.

The range of ventilators can also be used as soil vent pipe or mechanical extract terminals with separately supplied accessories.

BENEFITS

- Profile matched and colour blended in with adjacent slates, tiles and ridges as standard, making the ventilators blend into the roofscape.
- Can be installed wherever they are required as part of the normal roofing process.
- Driving rain and deluge rain resistance demonstrated by test data.
- High nett free ventilation area and low airflow resistance allow for an optimum spacing to avoid stagnant air pockets.
- Separately supplied extension sleeves ensure a clear air path from the roof void to the outside to meet the design requirements of BS 5250.
- Integral 4mm large insect ingress screen.
- An unrivalled range of slate and tile profiles plus a colour matching service.
- Designed and developed under BS EN ISO 9001.

Composition, manufacture

Manufactured from ABS and polypropylene material for a high quality finish and robust construction. All exposed surfaces are coated with a durable water based colour blended surface treatment. This surface treatment has been used on **all** Glidevale Ventilators for over 20 years, and after this time shows only a marginal lightening of shade which is usually counteracted by the effect of atmospheric pollution on the roof covering itself. All tile and ridge ventilators have silica sand entrained in the multi coat coating. Slate ventilators have a smooth finish.





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.



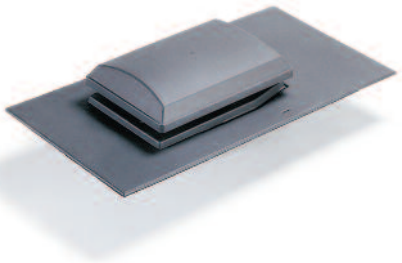


Universal extension sleeve

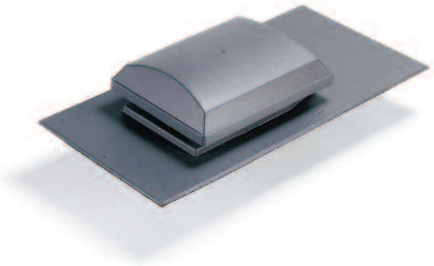
Should always be used with G Range tile and slate ventilators. It ensures that the roof underlay is cut and that there is a continuous permanent weatherproof path from the roof void to the outside without impairing the weatherproof function of the structure, in accordance with BS 5250. Supplied separately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



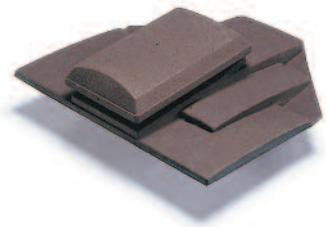
G3 slate ventilator



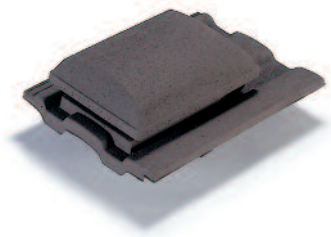
G5 slate ventilator



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/profile .....colour ..... (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.... mm^2/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

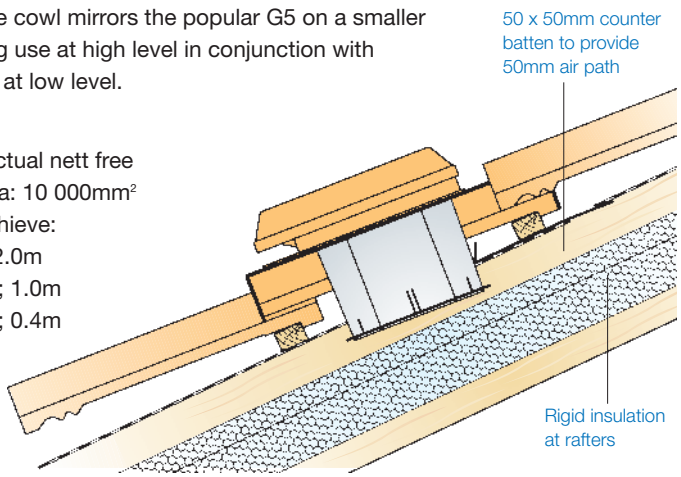
Soil vent pipe stacks/ Mechanical extract ventilation ducts to be terminated at the roof slope by means of Glidevale G3/G5 tile/slate ventilators, with integral 4mm large insect screen and condensate grooves. Size/profile..... colour .....(matched to tiles/slates), to be installed complete with Glidevale 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

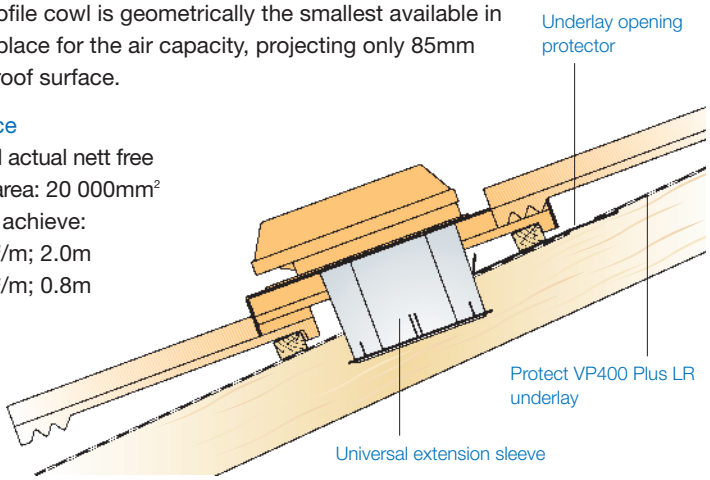


G5 tile and slate ventilator

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.

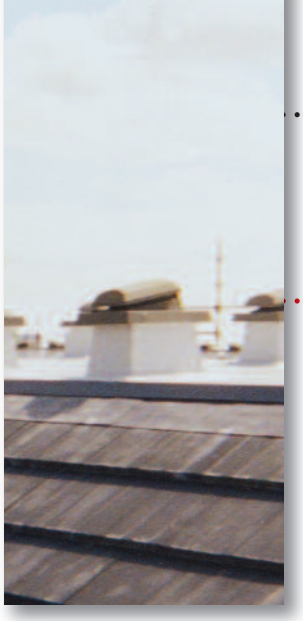




Performance

Airflow resistance when used as SVP/extract terminals

	G3	G5
54m³/h (15 ltrs/sec)	3.4Pa	0.6Pa
108m³/h (30 ltrs/sec)	11.5Pa	2.7Pa
216m³/h (60 ltrs/sec)	42Pa	11.4Pa



FLAT ROOF VENTILATION TERMINALS

Specification clause
Delete items not required
Soil vent pipe/ Passive ventilation stack/ Mechanical extraction ducts to be terminated with Glidevale flat roof terminals MT9U/ MT13U/ MT9K/ MT13K, designed and manufactured under BS EN ISO 9001, and having integral 4mm large insect grille and condensate grooves. Colour: slate grey/ to match roof covering. Install on roof deck with integral upstand/ on suitable builder's kerb as shown on drawings, fixed in accordance with manufacturer's instructions. All joints to ductwork to be sealed and mechanically secured.

Description, applications

Glidevale flat roof terminals act as outlets for soil vent pipes, passive ventilation stacks or mechanical extract ventilation ducts.
There are options for installation directly on the roof deck with integral prefabricated upstand or for installation on a builder's kerb. They can be used for warm or cold deck roofs with built-up roofing (single or multi-ply); with builder's kerb they can be used with fully-supported metal roofing. The prefabricated upstand provides minimum 150mm clear upstand.
Terminals have a 4mm large insect grille, and condensation grooves which prevent condensate running back down the duct.

Authority

Terminals are designed and manufactured to BS EN ISO 9001 and can be used to comply with the requirements of Approved Document C2, BS 5250, BS 5720 and BS 6229.

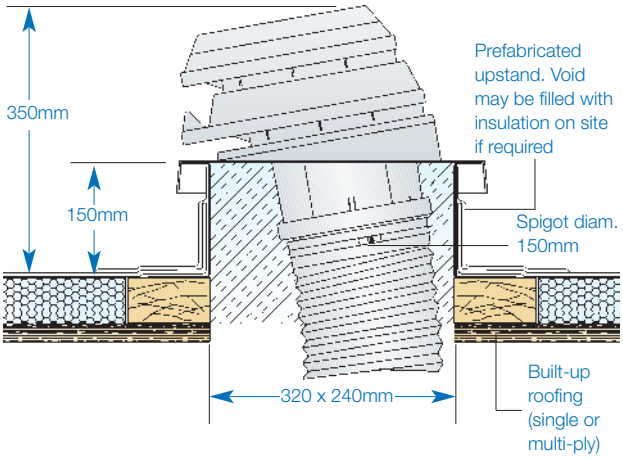
Material, colour

Cowl: ABS, upstand aluminium.
Slate grey as standard, or colour matched to roof covering.

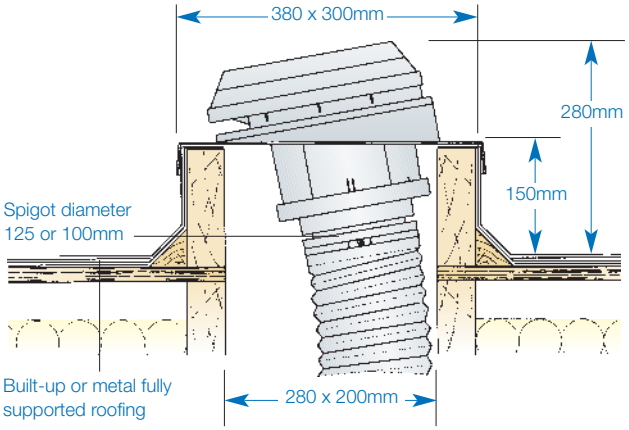
Performance

Low resistance to airflow, see table.
Also available as a ventilation unit without spigot, MT5U or MT5K, nett free ventilation area 20,000mm². Deluge and driving rain resistant as demonstrated by test.

MT13U terminal with integral upstand
(MT9U dimensions are the same; only cowl profile differs)
(MT5U dimensions are the same; supplied without spigot)



MT9K terminal on builder's kerb
(MT13K dimensions are the same; only cowl profile differs)
(MT5K dimensions are the same; supplied without spigot)



Airflow performance

Type	Spigot diam.	Airflow	Resistance
MT9U/100 or MT9K/100	100mm	54m³/h (15ltrs/sec) 108m³/h (30ltrs/sec) 216m³/h (60ltrs/sec)	0.6Pa 2.7Pa 11.4Pa
MT9U/125 or MT9K/125	125mm	54m³/h (15ltrs/sec) 108m³/h (30ltrs/sec) 216m³/h (60ltrs/sec)	1.2Pa 4.8Pa 19.6Pa
MT13U/150 or MT13K/150	150mm	54m³/h (15ltrs/sec) 108m³/h (30ltrs/sec) 216m³/h (60ltrs/sec) 300m³/h (84ltrs/sec) 500m³/h (139ltrs/sec)	0.32Pa 1.22Pa 4.86Pa 9.50Pa 27.37Pa

Suffix U = integral upstand, K = for builder's kerb

STANDARD PROFILES

Aggregate Industries (Bradstone)
Cotswold Slate 500 x 300

Condron
Double Pantile
Slate Tile
Concrete Plain Tile*
'M' Profile

Dreadnought
Clay Plain Tile*

Forticrete Roofing Products
Centurian / Senator*
Gemini Mk I
Gemini Mk II
Hardrow Slate 457 x 457
Hardrow Slate 457 x 305
Mini Slate
Concrete Plain Tile*
V2 (Vanguard)

Lagan Tile
Double Roll
Flat

Marley Eternit
Anglia*
Ashmore
Double Roman
Edgemere
Ludlow Major
Ludlow Plus
Mendip
Modern
Concrete & Clay Plain Tile*
Wessex
All Eternit Slate types

Morrissey
Milford
Rockford

Quinn Building Products
Devenish
Locherne
Western Slate

Redland
Cambrian*
Double Roman
Duo Plain
Grovebury
Mini Stonewold
Fenland Pantile*
Concrete & Clay Plain Tile*
Redland 49
Redland 50 Double Roman
Regent
Renown
Richmond 10
Saxon 10
Stonewold Mk II
Landmark Double Pantile

Roadstone
Centurian
Derrie Mk 2
Donard
Concrete Plain Tile*

Russell Roof Tiles
Double Roman
Galloway / Lothian
Grampian / Highland
Pennine
Concrete Plain Tile*

Wienerberger (Sandtoft)
20/20
Bridgwater
Britlock*
Calderdale
County Pantile*
Double Pantile
Double Roman
Gaelic*
Greenwood Pantile*
Lindum
Neo Pantile
Old English Pantile*
Concrete & Clay Plain Tile*
Shire Pantile
Standard Pattern
Olympus
Rivus

Northstone (Scott)
Centurian
Derrie Mk 2
Donard Mk 2
Galloway
Gemini
Lothian
Concrete Plain Tile*
Mini Slate
Seville
Slemish Mk 2
V2 Rooftile

Double Lap Slates
600 x 300
500 x 250
400 x 200*
600 x 335 soaker style
600 x 450 soaker style

*These ventilators require multiple baseplates to ensure a weatherproof installation.

Note 1. Ventilators listed are available in each of the manufacturer's colours.

Note 2. Profiles listed are currently available from the manufacturers listed. We have over 150 tile profiles no longer available from tile manufacturers. Please enquire via our Technical Department.

Note 3. Company names and product descriptions are the registered trademarks of the relevant manufacturer.

Glidevale's G range tile, slate & flat roof ventilators are at the core of an unrivalled capability. Whether you want to cover the widest number of applications with the fewest number of references or you need to match the exact profile and colour for a heritage project, Glidevale has the solution. Glidevale is the **'one stop shop'** for roof ventilation solutions.

Building regulations

All Glidevale G range ventilators can be used to comply with:

Roofspace ventilation:
Building Regulations Approved Document C, BS 5250 and BS 5534.

Soil vent pipes:
Building Regulations Approved Document H.

Mechanical ventilator terminal:
Building Regulations Approved Document F.

Glidevale Versa-Tile G5

To complement the G range of tile, slate & flat roof ventilators, Glidevale also offers the Versa-Tile G5 roof ventilator/terminal. Its innovative design resolves the problem of tile profile matching with a single solution for all. It can be used for all roof space ventilation requirements and can be adapted into a soil ventilation pipe and mechanical extraction terminal by means of a pipe adaptor and flexible pipe.



Stockist's stamp

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Glidevale maintains a policy of continuous development and reserves the right to amend product specifications without notice.

BPD
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ISO 9001 ISO 14001 OHSAS 18001

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