Glidevale profile dedicated In-line tile slate and ridge ventilators are designed to ventilate through the roof slope and form an integral part of the roof covering.

The slate and tile 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 also used in complex roof shapes where effective cross-ventilation is not possible.

The In-line ridge ventilators are used at intervals with proprietary ridge tiles, on bedded and many dry ridge systems. The whole In-line range 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 almost indiscernible once installed.
- 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.
- Integral or 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, tile & ridge profiles plus a colour matching service means that Glidevale offer an excellent service for heritage projects and listed buildings.
- 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.
IN-LINE TILE & SLATE VENTILATORS

Appearance
In-line Tile & Slate Ventilators are available for use with the roof tile manufacturers’ specific profiles listed on the back page, colour-matched to any of the standard colours for that tile.

Examples of ventilators, with tiles/slates for which they are designed to be compatible

Other profiles available on request (a selection of universal profiles to fit across a range of manufacturers is also available, see Universal In-line tile and slate ventilator range brochure).

- Redland Mini Stonewold and Stonewold Mk II tiles
- Redland Regent tiles
- Marley Mendip Double Pantiles
- 600 x 300mm slate
- Redland Cambrian slate
- Redland 50/Double Roman tiles
- Universal In-line slate
- Plain tiles (other universal In-line tile and slate ventilators available)
Interlocking Tile & Slate Ventilators
Guaranteed actual nett free ventilation area:
10 000mm²
Spacing centres to achieve ventilation area of
5000mm²/m: 2.0m
10 000mm²/m: 1.0m
Minimum pitch: 22.5° - 60° unless otherwise stated
Airflow resistance when used as
SVP/extract terminal:
54m³/hr (15 litres/sec) 10 Pa
108m³/hr (30 litres/sec) 42 Pa
216m³/hr (60 litres/sec) 162 Pa

Plain Tile Ventilators
Guaranteed actual nett free ventilation area:
7500mm²
Spacing centres to achieve ventilation area of
5000mm²/m: 1.5m
10 000mm²/m: 0.75m
Minimum pitch: 35° - 60°
Airflow resistance when used as
SVP/extract terminal:
54m³/hr (15 litres/sec) 12 Pa
108m³/hr (30 litres/sec) 37 Pa
216m³/hr (60 litres/sec) 127 Pa

Roof ventilation: profiled interlocking Tile Ventilator, insulation at rafters
Protect VP400 Plus LR underlay
Underlay protector
Rigid insulation board
SVP/extract terminal: flat interlocking Tile Ventilator
Soil Universal Pipe Adaptor
Flexi Pipe (must be insulated in unheated roof space)
SVP/extract terminal: plain Tile Ventilator
Plain Tile Ventilator
Underlay protector
Rigid insulation board
Soil Universal Pipe Adaptor
Flexi Pipe (for soil vent or extract terminal)

Specification clauses
Ventilation of roof space
Provide low level/high level roof space ventilation by means of Glidevale In-line Tile/Slate Ventilators with integral 4mm large insect screen.
Size/profile ........, colour ........... (matched to the roof covering), and to be installed complete with Glidevale 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 and 2010 & 2013 and BS 5250: 2011 and A1: 2016. Fix in accordance with manufacturer’s instructions.
SVP/mechanical extract terminals
Soil vent pipe stacks/mechanical extract ducts to be terminated at the roof slope by means of Glidevale In-line Tile/Slate Ventilators with integral 4mm large insect screen.
Size/profile ...., colour ........... (matched to the roof covering), and to be installed with Glidevale Underlay Opening Protector, Soil Universal 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 2010, and all pipes and ducts in the roof space to be insulated.
IN-LINE RIDGE VENTILATORS

Description
Glidevale In-line ridge ventilators have been designed to provide an aesthetic and unobtrusive solution to roof ventilation at ridge level.

Performance
Guaranteed actual nett free ventilation area: 12 000mm². Spacing to achieve 5000mm²/m: 2.4m.

Maximum pitch when used with dry ridge systems: G51 45°, G53 40°, G54 40°, G64 45°.

Airflow resistance when used as SVP/extract terminals

<table>
<thead>
<tr>
<th>Pipe diameter</th>
<th>100mm</th>
<th>125mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>54m³/h (15 litres/sec)</td>
<td>2Pa</td>
<td>3Pa</td>
</tr>
<tr>
<td>108m³/h (30 litres/sec)</td>
<td>8Pa</td>
<td>10Pa</td>
</tr>
<tr>
<td>216m³/h (60 litres/sec)</td>
<td>29Pa</td>
<td>37Pa</td>
</tr>
</tbody>
</table>

BENEFITS

- Continuous, clean, unbroken ridge line with colour-match option.
- 4mm large insect screen.
- Integral stainless steel fixing wires and end sockets restrain the ridge vent for maximum wind uplift resistance.
- Driving rain resistant - by discharging wind-driven rain via baffles concealed below the ridge surface.
- Ventilation slots on each side of vent, making them indistinguishable from standard ridge tiles once installed.
- Condensation grooves on upper surface which divert any condensate which may form on the underside of the vent.
- Nail holes - making it easy to fit.

G51 Half Round Ridge Ventilator
- Redland Half Round ●
- Russell Half Round ●
- Sandtoft Half Round
- Weatherwell Half Round
- Roadstone Half Round ●
- Scott Half Round ●
- Scotcera Half Round
- Quinn Half Round
- Hawkins Half Round
- Anchor Half Round
- Condron Half Round
- Ballymena Half Round

G52 Half Round Ridge Ventilator
- Eternit Clay Half Round
- Redbank 200mm Half Round
- Keymer Half Round
- Goxhill Clay Half Round ●

G53 Segmental Ridge Ventilator
- Marley Segmental ●
- Sandtoft Segmental
- Morrissey Segmental

G54 Angle Ridge Ventilator
- Marley Modern Angle ●

G54 Angle Ridge Ventilator
- Marley Modern Angle ●

G501 Ridge Pipe Adaptor (supplied separately)

Performance clauses
Ventilation of roof space
Provide high level roof space ventilation by means of Glidevale G51/G52/G55/G54/G64 Ridge Ventilators with integral 4mm large insect screen. Profile ......, colour....... (matched to ridge tiles), with detachable Extension Sleeves. Install at 2.4m centres to provide ventilation area equivalent to 5000mm²/m in accordance with Building Regulations Approved Document C2 2004 and 2010 & 2013 and BS 5250: 2011. Fix in accordance with manufacturer’s instructions.

SVP/mechanical extract terminals
Soil vent pipe stacks/ Mechanical extract ducts to be terminated at the ridge by means of Glidevale G51/G52/G53/ G54/G64 Ridge Ventilators with integral 4mm large insect screen. Profile ......, colour....... (matched to ridge tiles), and to be installed complete with Ridge 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 2010, and all pipes and ducts in the roof space to be insulated.

System compatible with:
- Russell/Scott Dry Ridge
- Redland Dry Vent Ridge
- Marley Dry Fix Ridge
- Goxhill Ventilated Dry Ridge
- Sandtoft Ventilated Dry Ridge

Company names and product descriptions are the registered trade marks of the relevant manufacturer.

Detachable Extension Sleeve

Detachable Extension Sleeve (for soil vent or extract terminal)

Flexi Pipe

Protect VP400 Plus LR Underlay

Detachable Extension Sleeve

5
STANDARD PROFILES

<table>
<thead>
<tr>
<th>Forticrete</th>
<th>Gemini Mkl 1</th>
<th>Visscut</th>
<th>Stone Slate</th>
<th>Hardlow Slate</th>
<th>Minislate Mkl II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>457mm x 305mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Composition and manufacture**

All Glidevale In-line ventilators are manufactured from upvc, polypropylene or ABS for a consistently high quality finish and long lasting construction. With excellent weathering characteristics Glidevale ventilators will complement any roof for many years to come.

**Building Regulations**

All Glidevale In-line 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's range of profile dedicated In-line tile, slate and ridge 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 have the solution. Glidevale is the 'one stop shop' for roof ventilation solutions.

---

**Stockist's stamp**

GLIDEVALE
2 Brooklands Road, Sale, Cheshire M33 3SS
Tel: 0161 905 5700 Fax: 0161 905 2085
Email: info@glidevale.com Web: www.glidevale.com

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