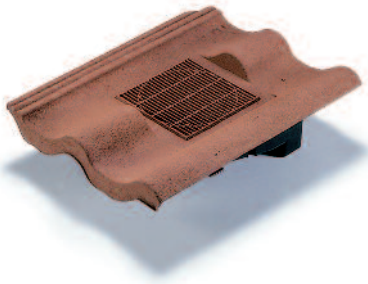
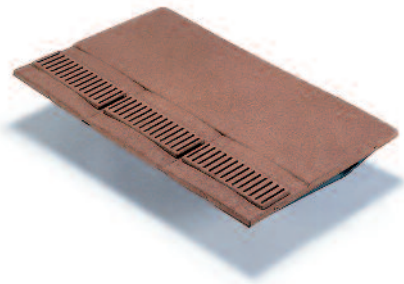
CI/SfB (47)
Uniclass Pr_30_59_29
July 2018

glidevale



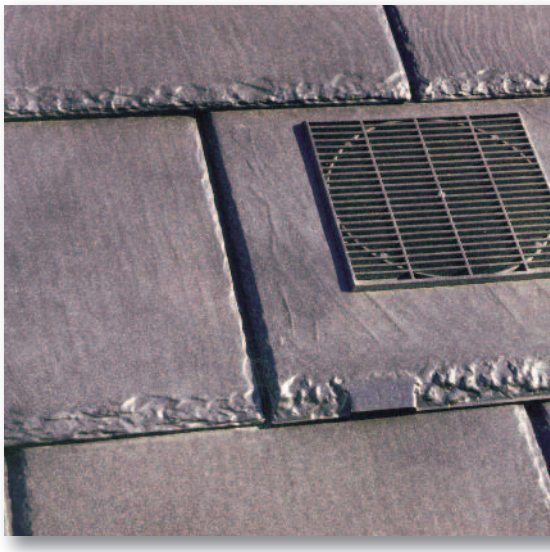
IN-LINE TILE®, SLATE & RIDGE VENTILATORS



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.

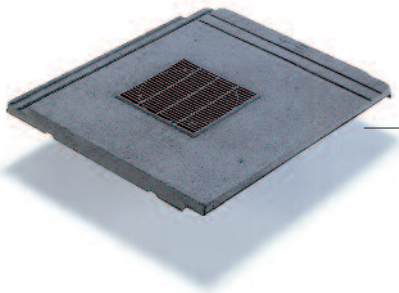
IN-LINE TILE & SLATE VENTILATORS

Appearance

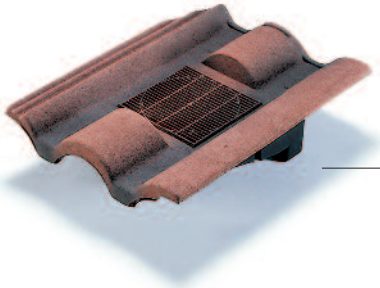
In-line Tile & Slate Ventilators are available for use with the roof tile manufacturers' specific profiles listed on the back page, colour-matched to any of the standard colours for that tile.

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).

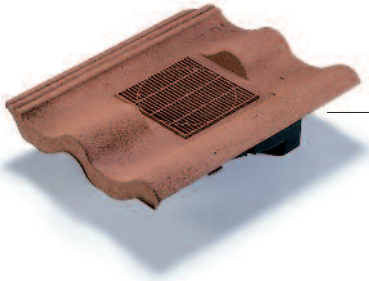
Examples of ventilators, with tiles/slates for which they are designed to be compatible



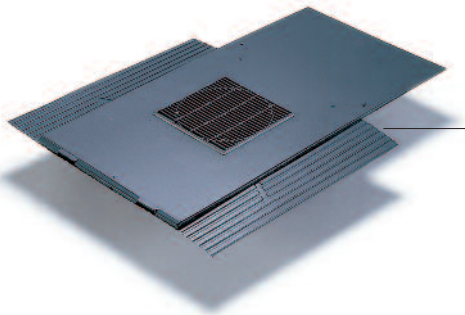
Redland Mini Stonewold and Stonewold Mk II tiles



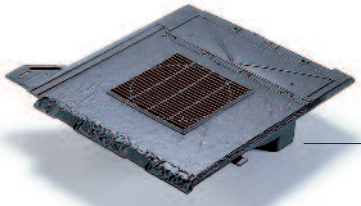
Redland Regent tiles



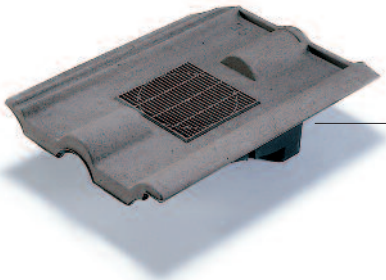
Marley Mendip Double Pantiles



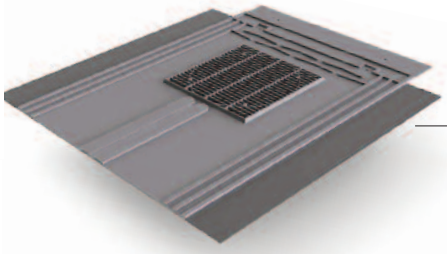
600 x 300mm slate



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

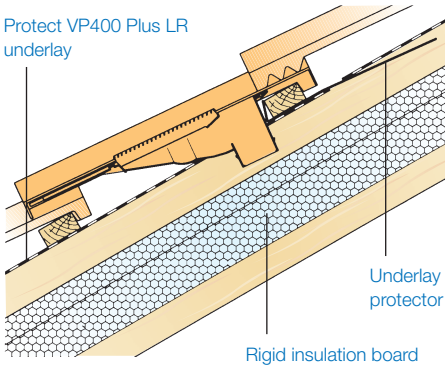
Airflow resistance when used as SVP/extract terminal:
54m³/hr (15 litres/sec) 10 Pa
108m³/hr (30 litres/sec) 42 Pa
216m³/hr (60 litres/sec) 162 Pa

Plain Tile Ventilators

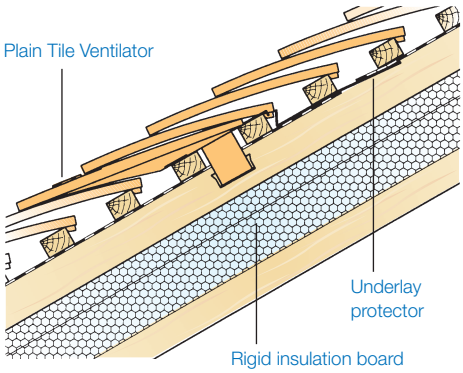
Guaranteed actual nett free ventilation area: 7500mm²
Spacing centres to achieve ventilation area of
5000mm²/m: 1.5m
10 000mm²/m: 0.75m
Minimum pitch: 35°- 60°

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

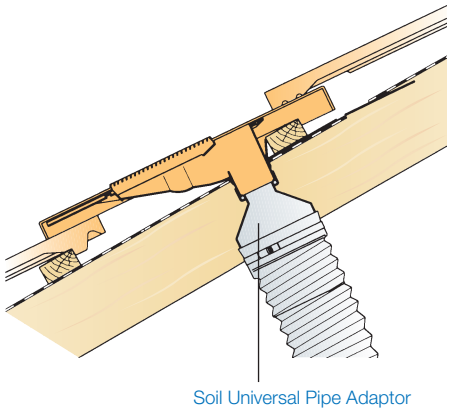
Roof ventilation: profiled interlocking Tile Ventilator, insulation at rafters



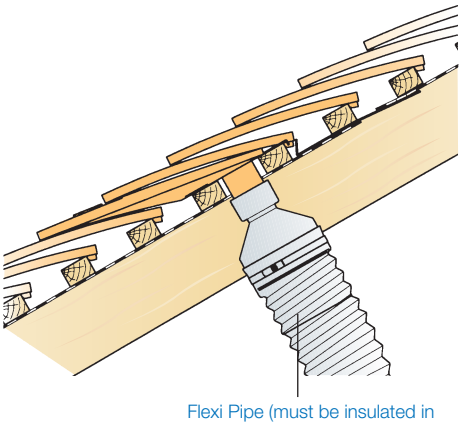
Roof ventilation: plain Tile Ventilator, insulation at rafters



SVP/extract terminal: flat interlocking Tile Ventilator



SVP/extract terminal: plain Tile Ventilator



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 amd 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°.

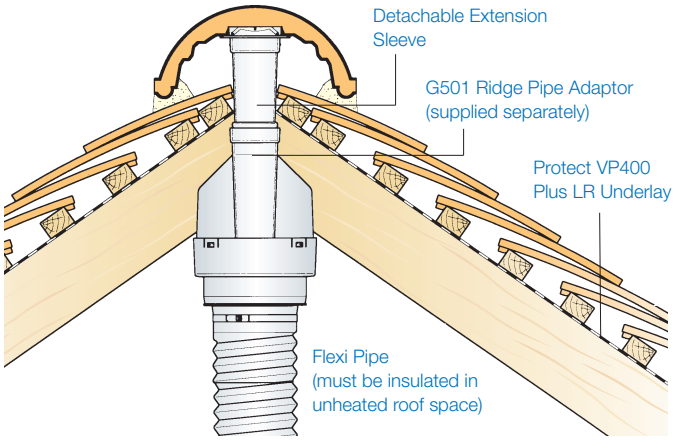
Airflow resistance when used as SVP/extract terminals

	Pipe diameter	
	100mm	125mm
54m³/h (15 litres/sec)	2Pa	3Pa
108m³/h (30 litres/sec)	8Pa	10Pa
216m³/h (60 litres/sec)	29Pa	37Pa

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.

G52 Ridge Ventilator
Used as soil vent/mechanical extract terminal



G51 Half Round Ridge Ventilator

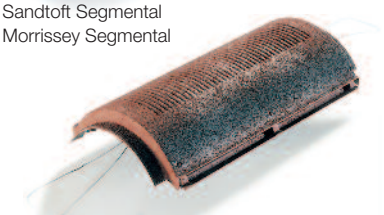
Redland Half Round ●
Russell Half Round ●
Sandtoft Half Round
Weatherwell Half Round
Roadstone Half Round ●
Scott Half Round ●
Scotcem Half Round
Quinn Half Round
Hawkins Half Round
Anchor Half Round
Condron Half Round
Ballymena Half Round

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



G64 Angle Ridge Ventilator

Redland Universal Angle ●

G54 Angle Ridge Ventilator

Marley Modern Angle ●

G103 Legged Angle Ridge Ventilator

Sandtoft Legged Angle ●
Richmond Universal Angle ●

Detachable Extension Sleeve

G501 Ridge Pipe Adaptor

Specification clauses

Ventilation of roof space

Provide high level roof space ventilation by means of Glidevale G51/G52/G53/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 amd 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.

Flexi Pipe (for soil vent or extract terminal)

STANDARD PROFILES

Forticrete
Gemini Mk 1
Viscount
Stone Slate
457mm x 305mm
Hardrow Slate
Minislate Mk II
Condron
Flat
Double Pantile
Mini Slate (Single Baseplate)
Lagan
Flat
Marley Eternit
Anglia *
Bold Roll
Domino
Double Roman
Edgemere
Ludlow Major
Ludlow Plus
Marley Melbourn (Ownbrand Only)
Marquess
Mendip
Modern
Monarch *
Symphony
Wessex
McLaughlin
Foyletile
Morrissey
Milford
Rockford Double Pantile
Quinn Building Products
Carnmore
Locherne
Rathmore - Devenish
Western
Redland
49
50 Double Roman
Caledonian
Cambrian *
Fenland Pantile / Norfolk Pantile *
Grovebury
Mini Stonewold
Regent
Renown
Richmond 10 / Saxon 10
Richmond/Saxon
Stonewold MKII
Roadstone
Causeway
Derrie MKII
Double Roman (old)
Flat - was Roadstone Stonewold
Mini Slate
Seville
SL8
Slate Tile
Spanish Roll
Russell
Argyll
Cheviot
Derwent
Double Roman
Galloway - Lothian Moray - Polden
Grampian
Pennine
Weinerberger Sandtoft
20/20 - New
20/20 - Old style
Actua
Bold Roll
Britlock *
Calderdale (New)
Calderdale Edge
Cassius
County Pantile *
Danum
Double Pantile
Double Roman
Europa
Flemish
Flemish 401 Aramant
Old English Pantile *
Lindum
Neo Pantile
Old Hollow 451
Olympus
Pennine Slate 480mm x 280mm
Pennine Slate 480mm x 420mm
Rivius
Shire Pantile
Standard Pattern
Scotcem
Cairngorm
Forth
Pentland
Northstone
Causeway
Derrie MKI
Derrie MKII
Donard
Galloway-Lothian
Seville
Slemish MKII
Plain Tiles *
Forticrete
Dreadnaught
Eternit
Hawkins
Langley of London
Marley
Redland
Roadstone
Rosemary
Rusell
Sandtoft/Goxhill
Northstone
Tudor
Universal
400mm x 400mm Slate (with mock joint and smooth finish)
500mm x 250mm Slate riven finish
500mm x 250mm Slate smooth finish
600mm x 300mm Slate riven finish
600mm x 300mm Slate smooth finish
Bitumen Shingle 12°
Bitumen Shingle 20°
Slate Soaker - GV11 **ALL SIZES**
Universal Soaker Slate Vent
Burlington
510mm x 455mm
405mm x 305mm
610mm x 305mm
510mm x 355mm
510mm x 305mm Natural Slate
Aggregate Industries
450mm x 450mm
406mm x 375mm
Conservation Slate
450mm x 400mm
Cotswold Reconstituted Slate
500mm x 375mm
Moordale Reconstituted Slate
Bradstone Crofters Slate

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

Ventilators designed to suit the tile manufacturers profiles listed here are available in each manufacturer's range of colours. For other profiles and colours please contact our Technical Department.

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

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.

BPD
A division of Building Product Design Ltd. Company Registration No; 3944123

ISO 9001 ISO 14001 OHSAS 18001

910092 July 2018 4600