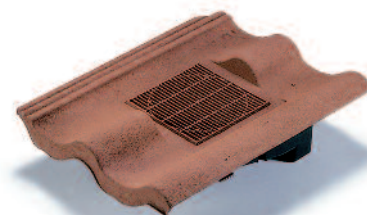
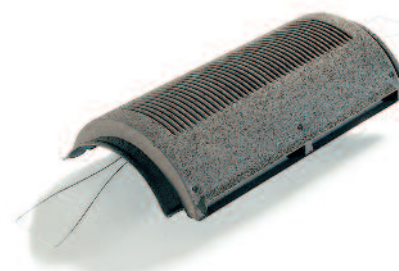
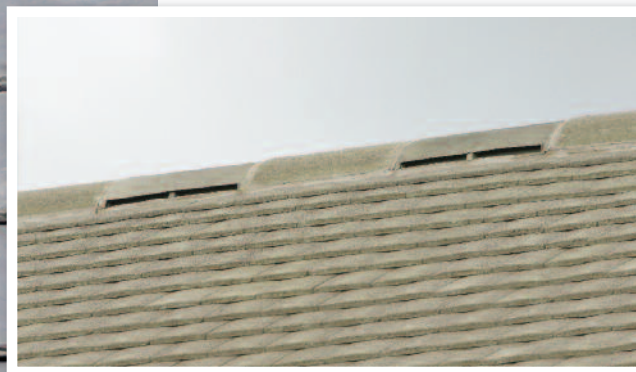


**glideVALE**



## IN-LINE TILE®, SLATE & RIDGE VENTILATORS



.....





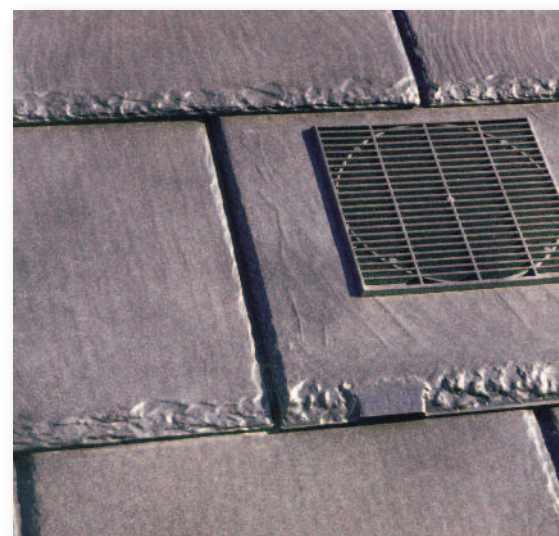
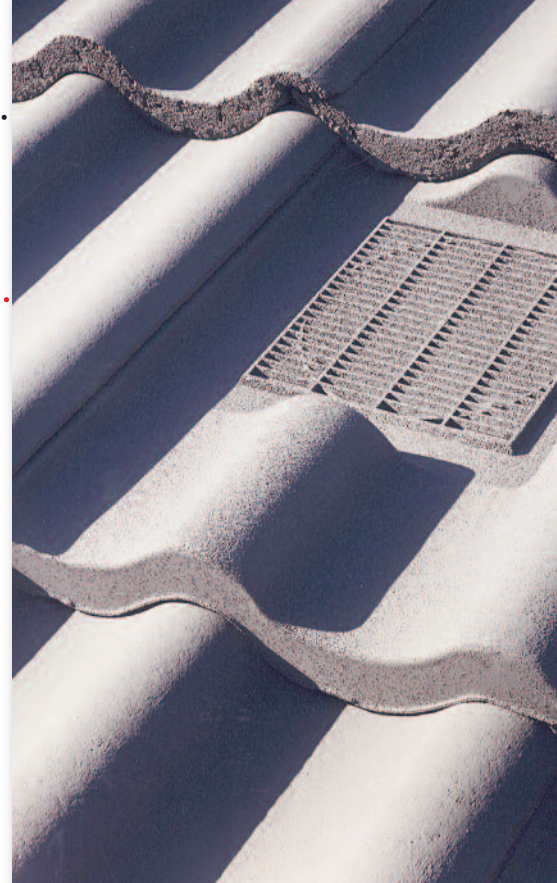
**G**lidevale profile dedicated In-line tile slate and ridge ventilators are designed to ventilate through the roof slope and form an integral part of the roof covering.

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.



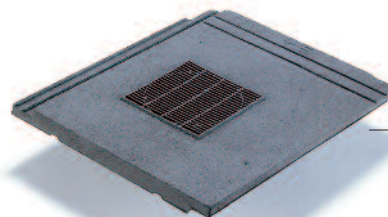
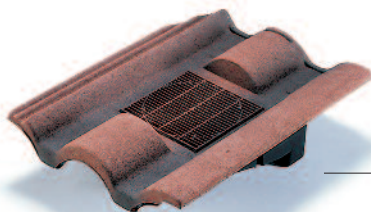
## IN-LINE TILE & SLATE VENTILATORS

### 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.

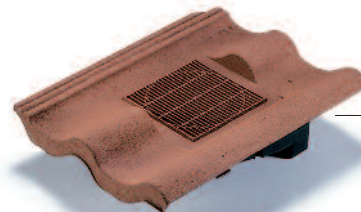
Other profiles available on request (a selection of universal profiles to fit across a range of manufacturers is also available, see Universal In-line tile and slate ventilator range brochure).

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

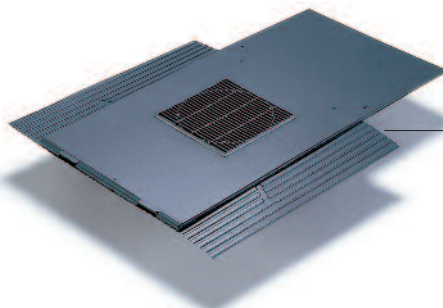


**Redland Mini Stonewold and Stonewold Mk II tiles**

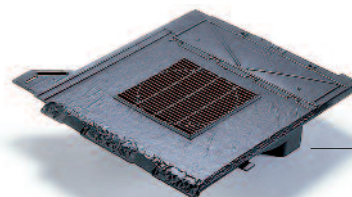
**Redland Regent tiles**



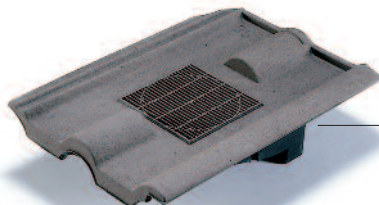
**Marley Mendip Double Pantiles**



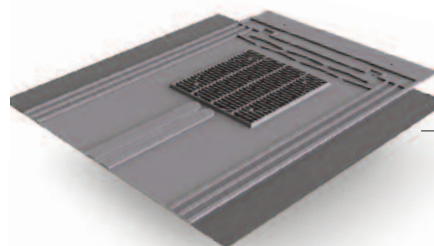
**600 x 300mm slate**



**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 000mm<sup>2</sup>

Spacing centres to achieve ventilation area of  
5000mm<sup>2</sup>/m: 2.0m

10 000mm<sup>2</sup>/m: 1.0m

Minimum pitch: 22.5° - 60° unless  
otherwise stated

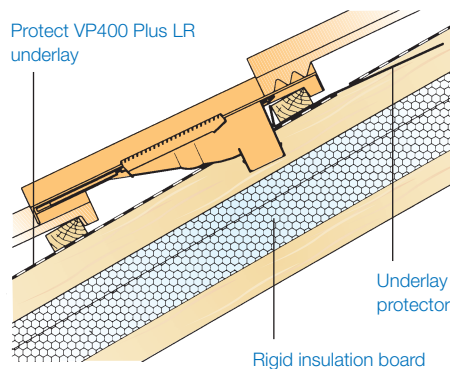
Airflow resistance when used as  
SVP/extract terminal:

54m<sup>3</sup>/hr (15 litres/sec) 10 Pa

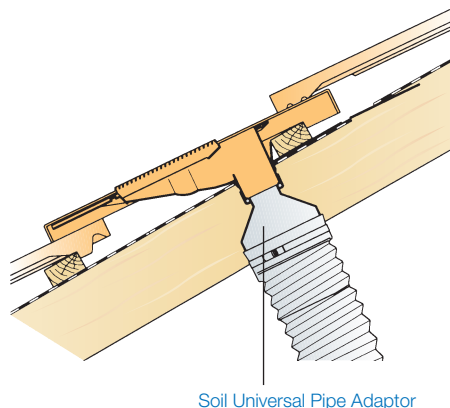
108m<sup>3</sup>/hr (30 litres/sec) 42 Pa

216m<sup>3</sup>/hr (60 litres/sec) 162 Pa

## Roof ventilation: profiled interlocking Tile Ventilator, insulation at rafters



## SVP/extract terminal: flat interlocking Tile Ventilator



Soil Universal  
Pipe Adaptor

## Plain Tile Ventilators

Guaranteed actual nett free ventilation area:  
7500mm<sup>2</sup>

Spacing centres to achieve ventilation area of  
5000mm<sup>2</sup>/m: 1.5m

10 000mm<sup>2</sup>/m: 0.75m

Minimum pitch: 35° - 60°

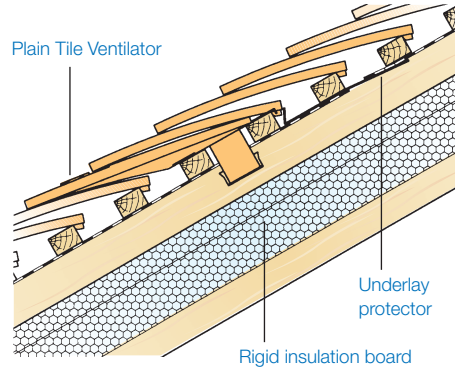
Airflow resistance when used as  
SVP/extract terminal

54m<sup>3</sup>/hr (15 litres/sec) 12 Pa

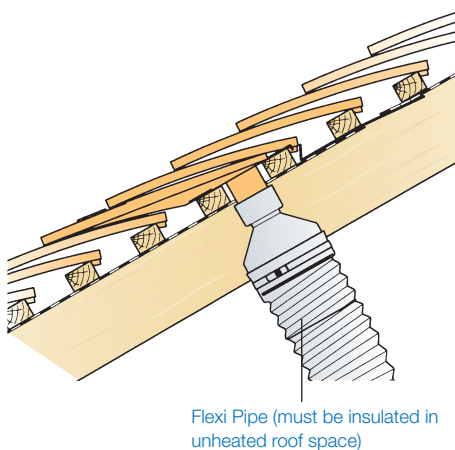
108m<sup>3</sup>/hr (30 litres/sec) 37 Pa

216m<sup>3</sup>/hr (60 litres/sec) 127 Pa

## Roof ventilation: plain Tile Ventilator, insulation at rafters



## SVP/extract terminal: plain Tile Ventilator



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 .....mm<sup>2</sup>/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 000mm<sup>2</sup>.

Spacing to achieve 5000mm<sup>2</sup>/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

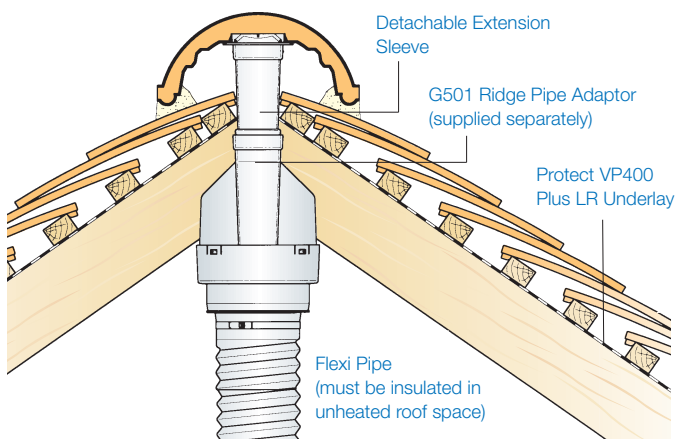
	Pipe diameter	
	100mm	125mm
54m <sup>3</sup> /h (15 litres/sec)	2Pa	3Pa
108m <sup>3</sup> /h (30 litres/sec)	8Pa	10Pa
216m <sup>3</sup> /h (60 litres/sec)	29Pa	37Pa

## 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 ●



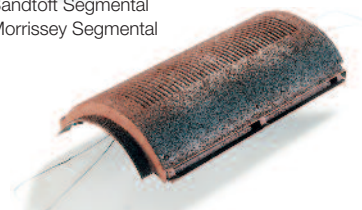
## G52 Half Round Ridge Ventilator

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



## 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 5000mm<sup>2</sup>/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.



Flexi Pipe  
(for soil vent or  
extract terminal)

G501 Ridge Pipe  
Adaptor



## 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

ripen finish

500mm x 250mm Slate

smooth finish

600mm x 300mm Slate

ripen 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

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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.



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