



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.

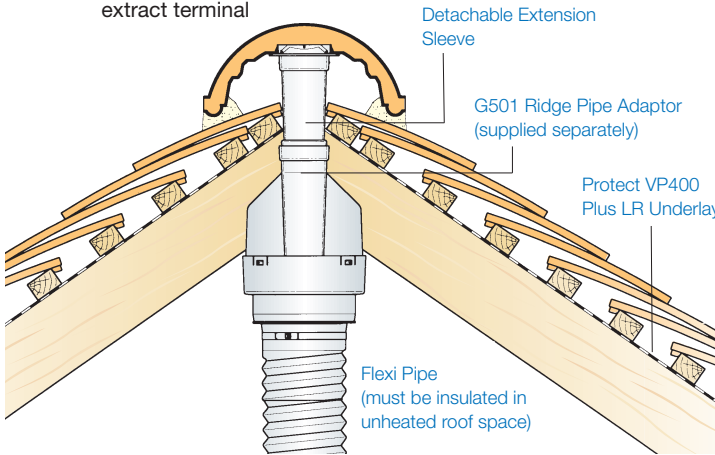
Maximum pitch when used with dry ridge systems: G51 45°, G53 40°, G54 40°, G64 45°.

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

G52 Ridge Ventilator

Used as soil vent/mechanical extract terminal



IN-LINE RIDGE VENTILATORS

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



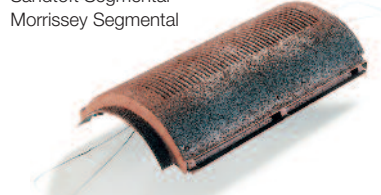
G52 Half Round Ridge Ventilator

Eternit Clay Half Round
Redbank 200mm Half Round
Keymer Half Round
Goxhill Clay Half Round ●



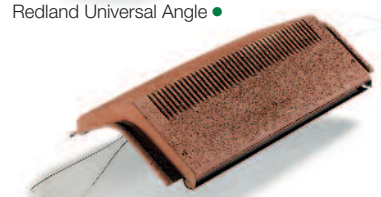
G53 Segmental Ridge Ventilator

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 ●



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 and AA fire rating to BS 476: Part 3: 2004. 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 and AA fire rating to BS 476: Part 3: 2004. 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, 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.

STANDARD PROFILES

Anchor (Forticrete Roofing Products)

Anchorlite Slate*
Gemini Plain*
Stone Slate
Viscount
Mini slate
Gemini Mk II

Ballymena

Penrose Mk II

Condron

Double Pantile

Flat

Mini slate

Dreadnought

Plain*

Eternit Clay Tiles

Plain*

Hardrow (Forticrete Roofing Products)

457 x 305

Hawkins (Eternit Clay Tiles)

Plain*

Koramic

Flemish 401

Lagan Tile

Flat

Langley of London

Plain*

Marley Building Materials

Anglia*

Ashmore

Bold Roll

Domino

Double Roman

Edgemere

Ludlow Major

Ludlow Plus

Marlden*

Marquess*

Mendip

Modern

Monarch*

Plain*

Symphony

Wessex

Westwold*

McLoughlin

Foylettle

Morrissey

Milford

Rockford

Sean Quinn

Carnmore

Locherne

Western Slate

Redland

Caledonian

Cambrian*
Double Roman
Downland*
Duo Plain
Grovebury
Heathland*
Mini Stonewold
Norfolk Pantile*
Plain*

Redland 49

Redland 50/Bridgewater

Regent

Renown

Richmond

Saxon

Stonewold Mk II

Landmark Double Pantile

Roadstone

Cambrian

Double Roman

Flat (Old Stonewold)

Gemini

Mini Slate

Plain*

SL8

Spanish Roll

Slate Tile (Cork Stonewold)

Rosemary (Redland)

Plain*

Russell

Argyll

Cheviot

Derwent

Double Roman

Galloway

Gramplan

Pennine

Plain*

Sandtoft/Goxhill

20/20

Bold Roll

Britlock*

Britslate

Calderdale

Cassius

County Pantile*

Danum

Double Pantile

Double Roman

Europa

Flemish

Humber Plain*

Lincswold

Lindum

Neo Pantile

Old English Pantile*

Pennine 480 x 280

Pennine 480 x 420

Plain*

Shire Pantile

Olympus

Rivus
Scotcem
Forth
Pentland
Cairngorm
Northstone (Scott Toomebridge)
Derrie Mk 1 and Mk 2
Galloway
Plain*

Seville

Slemish Mk 2

Donard Mk 2

Tudor

Plain*

Redbank (Weatherwell)

Bretton

Daniel Platt Plain

Slates

600 x 300

500 x 250

400 x 200*

Universal In-line

*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.

GLIDEVALE LIMITED

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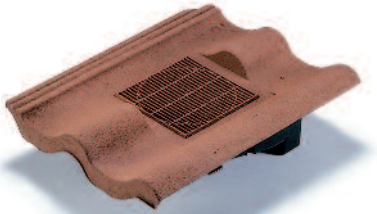
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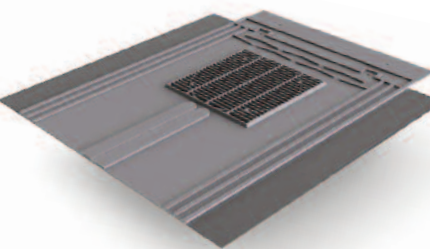
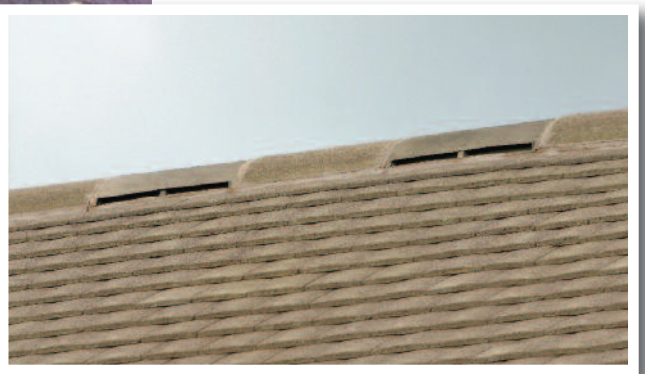
Glidevale Limited maintains a policy of continuous development and reserves the right to amend product specifications without notice.



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



IN-LINE TILE, SLATE & RIDGE VENTILATORS





Glidevale profile dedicated In-line tile 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.
- AA fire rating to BS 476: Part 3: 2004.
- 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.



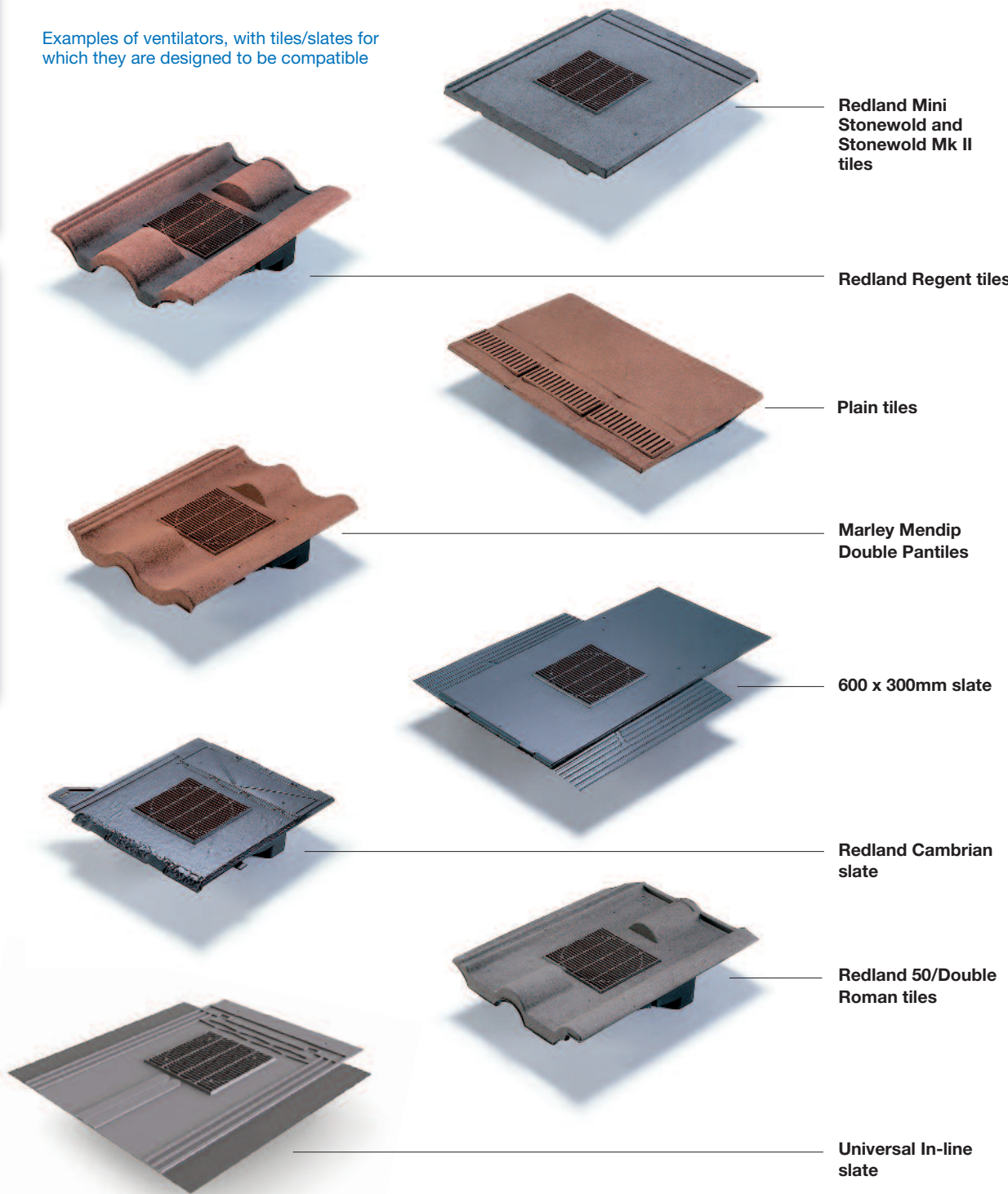
IN-LINE TILE & SLATE VENTILATORS

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 range of universal profiles to fit across a range of manufacturers is also available).

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

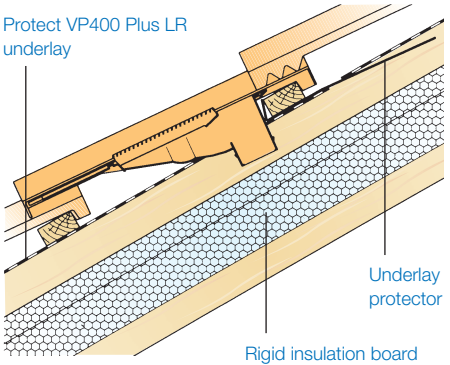


Interlocking Tile & Slate Ventilators

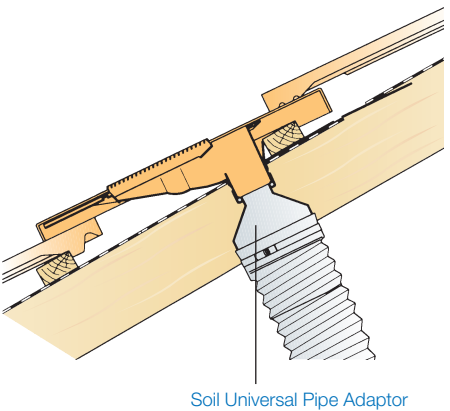
Guaranteed actual nett free ventilation area: 10 000mm²
Spacing centres to achieve ventilation area of 5000mm²/m: 2.0m
10 000mm²/m: 1.0m
Minimum pitch: 22.5° unless otherwise stated

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

Roof ventilation: profiled interlocking Tile Ventilator, insulation at rafters



SVP/extract terminal: flat interlocking Tile Ventilator

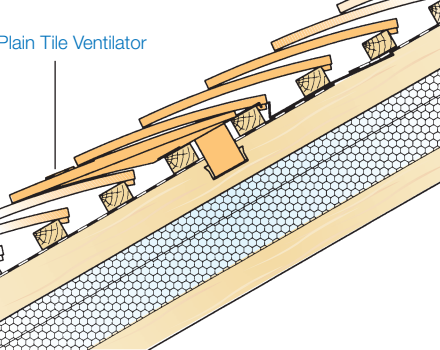


Plain Tile Ventilators

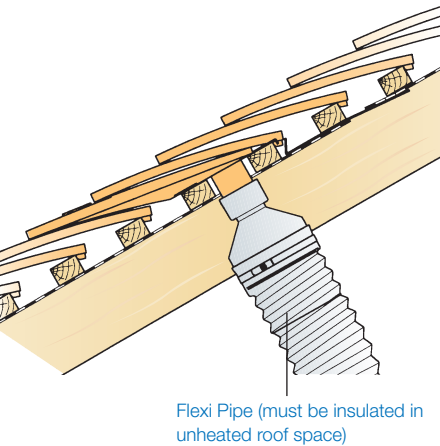
Guaranteed actual nett free ventilation area: 7500mm²
Spacing centres to achieve ventilation area of 5000mm²/m: 1.5m
10 000mm²/m: 0.75m
Minimum pitch: 35°

Airflow resistance when used as SVP/extract terminal
54m³/hr (15 litres/sec) 7Pa
108m³/hr (30 litres/sec) 28Pa
216m³/hr (60 litres/sec) 109Pa

Roof ventilation: plain Tile Ventilator, insulation at rafters



SVP/extract terminal: plain Tile Ventilator



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, and AA fire rating to BS 476: Part 3: 2004. 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 tomm²/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 roof slope by means of Glidevale In-line Tile/Slate Ventilators with integral 4mm large insect screen, and AA fire rating to BS 476: Part 3: 2004. 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.