



VENTA-LINE TLE

INTERLOCKING TILE VENTILATOR FOR THIN LEADING EDGE ROOF TILES

NEW

Introducing the new Venta-Line TLE, a flat interlocking, low profile tile ventilator designed to deliver airflow to the roof space. With a flexible application either as ventilation for condensation control, a terminal for soil pipe ventilation or a mechanical extract, the Venta-Line TLE is specifically engineered to integrate seamlessly in line with the adjacent roof tiles. Suited for use with the majority of thin leading edge, large format concrete tiles*, the vent is designed to replace a single roof tile whilst maintaining a consistent and aesthetic appearance across the roof line.

Developed with a high performance in mind, the TLE vent provides continuous airflow, with a minimum geometric free ventilation area of 10,000mm², helping to meet the requirements of BS 5250. It can be installed at both high and low level and also in areas where the roof construction does not allow for eaves or ridge ventilation. By providing ventilation across the roof, the Venta-Line TLE helps to deliver a healthy and well-ventilated roof space, with built-in weather protection ensuring any rainwater is safely channelled away, helping to strengthen the roof's long-term durability.



10,000 mm²
free ventilation area
BS 5250 compliant

BENEFITS

- Suitable for roofs with a pitch of 20° and above.
- An interlocking slimline design tested with commonly used thin edge roof tiles.
- Unobtrusive profile with an integrated flush grille ensures the vent is virtually unseen from the ground.
- The integrated lower tray is engineered to channel rainwater away from the throat of the vent and back down onto the roof tiles, ensuring no ponding of water.
- Concealed baffles catch any wind driven rain or snow that might penetrate the grille and return it via positive drainage channels to the roof slope.
- Integral 4mm spaced grille to prevent the ingress of nesting insects.
- Manufactured using UV stabilised uPVC with embedded silica sand to generate a surface that weathers in line with the rest of the roof covering.
- Made in the UK using recycled content.**



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Dimensions

Length:	420 mm
Overall width:	323 mm
Cover width:	295 mm
Thickness:	20 mm

Product weight

1070 g

Appearance and material composition

Available in seven UV stable house colours to align with roof tiles – grey, terracotta, brown, red, red streak, black and blue black. Tile moulding manufactured using UV stabilised uPVC with embedded silica sand on the surface to generate a realistic finish.

**Base plate is manufactured in polypropylene with up to 100% recycled content. Featuring integrated clips and side interlock to ensure a secure fit with surrounding roof tiles.

Compatibility

*Venta-Line TLE has been fit tested and is compatible with many leading thin leading edge roof tiles, including Russell Galloway, Condron Senior TLE, Marley Edgemere, Northstone Causeway, and Redland Richmond 10. The vent is not designed to be compatible with the Sandtoft Danum TLE or Dual Danum TLE roof tiles.

For more information visit: glidevaleprotect.com/tle



Soil Universal Adaptor (SUA)



Flexi Pipe

Installation and technical support

For recommended installation instructions, please contact Glidevale Protect's Technical team at technical@glidevaleprotect.com.

To ensure a roofing ventilation strategy incorporating Venta-Line TLE is compliant with BS 5250 or for further information on specific roof ventilation requirements and the appropriate fixing centres for specific projects, please contact Glidevale Protect's Technical team.

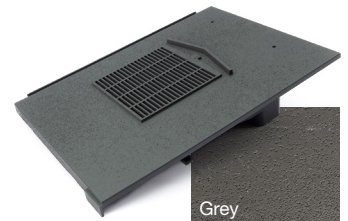
Accessories

The Venta-Line TLE is available as a standalone ventilator or as part of a TLE 3-in-1 kit with separate components. This features a Soil Universal Adaptor (SUA) and a Flexi Pipe for conversion to a mechanical extract terminal or soil ventilation pipe terminal.

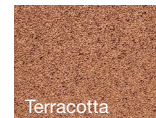
Specification clause:

Ventilation of roof space: Provide low level/high level roof space ventilation by means of Glidevale Protect Venta-Line TLE tile ventilator with integral 4 mm spaced grille. Universal profile using colour (matched to the roof covering), and to be installed complete with Glidevale Protect underlay opening protectors. Install atm centres as shown on drawings to provide ventilation area equivalent to mm²/m in accordance with Building Regulations Approved Document C2 and BS 5250. Fix in accordance with manufacturer's instructions.

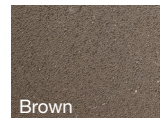
SVP/mechanical extract terminals: soil vent pipe stacks/mechanical extract ducts to be terminated at the roof slope by means of Glidevale Protect Venta-Line TLE tile ventilator with integral 4 mm spaced grille. Universal profile using colour (matched to the roof covering), and to be installed with Glidevale Protect underlay opening protector, Soil Universal Adaptor (SUA) 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 and supported adequately.



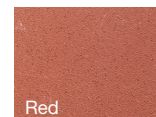
Grey



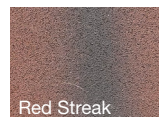
Terracotta



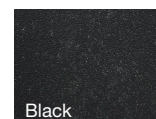
Brown



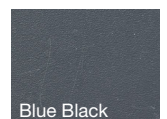
Red



Red Streak



Black



Blue Black

VENTILATION AND AIRFLOW RESISTANCE	
Ventilation	Venta-Line TLE
Guaranteed net free ventilation area	10,000 mm ²
Spacing centres: 5,000 mm ² /m	2.0m
10,000 mm ² /m	1.0m
Minimum roof pitch	20°
Maximum headlap	100 mm
Airflow resistance when used as soil vent pipe (SVP)/extract terminal	Pressure (Pascals)
54 m ³ /hr (15 litres/second)	9 Pa
108 m ³ /hr (30 litres/second)	33.2 Pa
216 m ³ /hr (60 litres/second)	128.7 Pa
Venta-Line TLE has also been tested in Glidevale Protect's internal laboratory against water deluge, wind resistance and driving rain (high wind/low rain and high rain/low wind) with no leaking through the vent being observed in these conditions.	

Related products

Roofing ventilation products: glidevaleprotect.com/products/roofing-ventilation

Pitched roofing underlays: glidevaleprotect.com/products/roofing-underlays

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Glidevale Protect maintains a policy of continuous development and reserves the right to amend product specifications without notice. The company is a division of Building Product Design Ltd. Company registration 3944123. Printed on sustainably sourced paper.

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