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ROOF VENTILATION

1.1 Slate and Tile Vents

1.1.1 Glidevale In-line Slate and Tile Ventilators

Glidevale In-line Slate and Tile ventilators are designed to provide high/low level roof space ventilation and also act as extract terminals for mechanical systems or soil vent pipes. Manufactured from uPVC, polypropylene and ABS for a consistently high quality finish and long lasting construction. The profile and colour can be matched to the roof covering. Select ventilators to be installed with Glidevale Underlay Opening Protectors where provided. Glidevale In-line slate and tile ventilators to provide 10,000mm² ventilation area, In-line Plain tile ventilator to provide 7,500mm² ventilation area. Install at required centres as per Building Regulations Approved Document C2 and BS 5250 and in accordance with manufacturer's instructions.

Designed and developed under BS-EN ISO 9001. Integral 4mm insect screen. Soil vent pipe stacks/mechanical extract ducts to be terminated at the roof slope by means of Glidevale In-Line Slate/Tile Ventilators with all joints and connections to be airtight in accordance with Building Regulations Approved Document H. All ducting/pipes in the roof space to be insulated and all joints made airtight.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com Website: <http://www.glidevale.com/in-line-slatetile-and-ridge-ventilators/p/6>

Product references:

Glidevale In-line Slate ventilators
Glidevale Universal Flat Interlocking In-line Tile Ventilator
Glidevale Housebuilder Profile In-line Tile Ventilators
Glidevale Universal Interlocking In-line Plain Tile Ventilator
Glidevale Universal In-line Plain Tile Ventilators

Accessories:

Soil Universal Pipe Adaptor with 100mm diameter spigot. Flexi Pipe 100mm diameter (for soil vent or extract terminal). Underlay Opening Protector.

1.1.2 Glidevale G-Range Slate and Tile Ventilators

Glidevale G-Range Slate and Tile ventilators are designed to provide high/low level roof space ventilation and also act as extract terminals for mechanical systems. Manufactured from uPVC, polypropylene and ABS for a consistently high quality finish and long lasting construction. The profile and colour can be matched to the roof covering. Ventilators to be installed with Glidevale Underlay Opening Protectors. Glidevale G3 slate and tile ventilators to provide 10,000mm² ventilation area, Glidevale G5 slate and tile ventilators to provide 20,000mm² ventilation area. Install at required centres as per Building Regulations Approved Document C2 and BS 5250 and in accordance with manufacturer's instructions.

Designed and developed under BS-EN ISO 9001. Integral 4mm insect screen. Soil vent pipe stacks/mechanical extract ducts to be terminated at the roof slope by means of Glidevale G-Range Slate/Tile Ventilators. All ducting/pipes in the roof space to be insulated and all joints made airtight in accordance with Building Regulations Document H.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com Website: <http://www.glidevale.com/g-range-slate-and-tile-ventilators/p/7>

Product references:

Glidevale G3 Tile Ventilator
Glidevale G5 Tile Ventilator
Glidevale G3 Slate Ventilator
Glidevale G5 Slate Ventilator
Glidevale G5 Versatile Ventilator

Accessories:

Universal Extension Sleeve. Flexi Pipe 100mm diameter (for soil vent or extract terminal). Underlay Opening Protector. 110mm GPA Adapter and sleeve. 110mm GV110 adapter.

1.2 Eaves Ventilation

1.2.1 Glidevale Fascia Ventilators

Glidevale FV100/FV250 continuous fascia ventilators to be installed at eaves to provide the required ventilation for eaves, a flat roof or a monopitch ridge in accordance with Building Regulations Approved Document C2 and BS 5250. FV100/FV250 provide 10,000mm²/25,000mm² ventilation area. Composed of injection moulded black polypropylene and are provided in 1m lengths. Glidevale FV100/FV250 ventilators are designed to resist driving rain and large insects. Fix in accordance with manufacturer's instructions. Should be installed along opposing fascia boards to ensure cross ventilation.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com Website: <http://www.glidevale.com/fascia-ventilators/p/3>

Product references:

Glidevale FV100 Fascia Ventilator
Glidevale FV250 Fascia Ventilator

Accessories:

Gutter Bracket Spacers where necessary to ensure a clear air flow into the ventilator. RV rafter ventilators used in a cold roof to ensure a clear, unobstructed path from fascia vent to the roof space.

1.2.2 Glidevale Soffit Ventilators

Glidevale SV604E/SV606/SV608/SV609 continuous soffit ventilators to provide the required 10,000mm²/m or 25,000mm²/m of low level ventilation in accordance with Building Regulations Approved Document C2 and BS 5250. Ventilators composed of PVC-U and designed to include a 4mm insect screen. Soffit strips provided in 2.44 metre lengths. All soffit strips available in white or brown as standard, and black for the SV604e. The soffit strips should be installed along opposing eaves of the roof to ensure cross ventilation. Fix in accordance with manufacturer's instructions.

Glidevale SV120/SV200 Must be installed at the required centres to achieve the minimum ventilation stated in Building Regulations Approved Document C2 and BS 5250. Ventilators are manufactured from moulded polypropylene and designed to include a 4mm insect screen. Colours black, white and brown as standard. SV120 Spring Wing rectangular soffit ventilator measuring 285mm x 115mm to be used at 1.2 metre centres to achieve 10,000mm²/m of airflow. SV200 Twist

and Lock circular soffit ventilators measuring 75mm diameter to be used at 200mm centres to achieve 10,000mm²/m of airflow.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com Website: <http://www.glidevale.com/soffit-ventilators/p/4>

Product references:

Glidevale SV604E Soffit Ventilator
Glidevale SV606 Soffit Ventilator
Glidevale SV608 Soffit Ventilator
Glidevale SV609 Soffit Ventilator
Glidevale SV120 Soffit Ventilator
Glidevale SV200 Soffit Ventilator

Accessories:

SV604E Expansion Joint Connector supplied with SV604E to allow thermal movement at straight joints, internal and external corners. Improves appearance by concealing cut edges, maintains large insect protection, and simply clips into position. Hole saw and fixing tool available for the SV200 Twist and Lock ventilators.

1.2.3 Glidevale Rafter Ventilators

Glidevale RV601(F)/RV451(F)/RV401(F) are designed to ensure a clear air path between roof underlays and insulation at all types of eaves details, in accordance with Building Regulations Approved Document C2. Primarily for use with Glidevale fascia/soffit ventilators. RV601 for 600mm rafter centres, RV451 for 450mm and RV401 for 400mm rafter centres. Ventilators composed of vacuum-formed black PVC and to be used between each rafter.

Accessories:

Integral fly screen of 4mm (RV601F/RV451F/RV401F) mainly used with open eaves where a fascia/soffit ventilator has not been used.

Glidevale RV300/RV450/RV600 are designed to ensure a clear air path between roof underlays and insulation at all types of eaves details, in accordance with Building Regulations Approved Document C2. Laid continuously over the rafters before the underlay is fixed, RV rafter roll provides a maximum of 25,000mm²/m of airflow dependent on eaves ventilation inlet provision. RV ventilators composed of vacuum-formed black PVC and should adjust for 400mm-600mm rafter centres making it universal.

Glidevale RV625/RV625F are designed to ensure a clear air path between roof underlays and insulation at all types of eaves details, in accordance with Building Regulations Approved Document C2. RV625/RV625F rafter ventilators provide a guaranteed actual ventilation opening of 25,000mm²

at 600/450/400mm rafter centres, and a minimum gap of 25mm in accordance with BS5250. RV625F is for eaves with an open soffit as it has the integral 4mm insect mesh screen. Designed for standard 600mm rafter centres but can easily be cut to suit closer rafter centres.

Glidevale RV635/RV655 Universal rafter trays which can adjust to the correct roof pitch and can be used in a new-build, or in refurbishment without disturbing the roof covering, Provides guaranteed actual ventilation opening of 25,000mm²/m at 600mm rafter centres (RV655) or 400mm rafter centres (RV635). RV635 can also be used at 450mm – 600mm rafter centres; one per rafter provides 10,000mm²/m.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com Website: <http://www.glidevale.com/rv-rafter-ventilators/p/5>

Product references:

Glidevale RV300 Rafter Ventilator
Glidevale RV450 Rafter Ventilator
Glidevale RV600 Rafter Ventilator
Glidevale RV601 (F) Rafter Ventilator
Glidevale RV451 (F) Rafter Ventilator
Glidevale RV401 (F) Rafter Ventilator
Glidevale RV625 (F) Rafter Ventilator
Glidevale RV635 Rafter Ventilator
Glidevale RV655 Rafter Ventilator

1.3 Flat Roof Terminals

Glidevale MT5U, MT5K

Glidevale flat roof terminals used to ventilate flat roof space, providing 20,000mm² nett free ventilation area, achieving 25,000mm² at 0.8m centres. Installation directly on the roof deck with integral prefabricated upstand (MT5U) or installation on a builder's kerb (MT5K). For use on warm or cold deck roofs with built-up roofing.

Terminal to be slate grey as standard, or colour matched to roof covering. Cowl to be manufactured with ABS and an aluminium upstand. Terminal to have integral 4mm insect mesh. Terminals to be designed and manufactured in accordance with BS EN ISO 9001 and can be used to comply with requirements of Approved Document C2, BS 5250, BS 5720 and BS 6229.

Product references:

Glidevale MT5U Flat Roof Ventilator
Glidevale MT5K Flat Roof Ventilator

1.3.1 Glidevale MT9U/100 – MT9K/100

Outlets for soil pipes, passive ventilation stacks or mechanical extract ventilation ducts to be terminated with Glidevale flat roof terminals. Installation directly on the roof deck with integral prefabricated upstand (MT9U) or installation on a builder's kerb (MT9K). For use on warm or cold deck roofs with built-up roofing.

Terminal to be slate grey as standard, or colour matched to roof covering. Cowl to be manufactured with ABS and MT9U upstand to be aluminium. Terminal to have integral 4mm insect mesh. Terminals to be designed and manufactured in accordance with BS EN ISO 9001 and can be used to comply with requirements of Approved Document C2, BS 5250, BS 5720 and BS 6229.

Terminal to achieve 54m³/h (15ltrs/sec) at 0.6Pa, 108m³/h (30ltrs/sec) at 2.7Pa and 216m³/h (60ltrs/sec) at 11.4Pa with a 100mm diameter spigot.

All joints to ductwork to be sealed and mechanically secured.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com

Product references:

Glidevale MT9U/100 Flat Roof Terminal
Glidevale MT9K/100 Flat Roof Terminal

1.3.2 Glidevale MT9U/125 - MT9K/125

Outlets for soil pipes, passive ventilation stacks or mechanical extract ventilation ducts to be terminated with Glidevale flat roof terminals. Installation directly on the roof deck with integral prefabricated upstand (MT9U) or installation on a builder's kerb (MT9K). For use on warm or cold deck roofs with built-up roofing. Spigot diameter 125mm.

Terminal to be slate grey as standard, or colour matched to roof covering. Cowl to be manufactured with ABS and an aluminium upstand. Terminal to have integral 4mm insect mesh. Terminals to be designed and manufactured in accordance with BS EN ISO 9001 and can be used to comply with requirements of Approved Document C2, BS 5250, BS 5720 and BS 6229.

Terminal to achieve 54m³/h (15ltrs/sec) at 1.2Pa, 108m³/h (30ltrs/sec) at 4.8Pa and 216m³/h (60ltrs/sec) at 19.6Pa with a 125mm diameter spigot.

All joints to ductwork to be sealed and mechanically secured.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com

Product references:

Glidevale MT9U/125 Flat Roof Terminal
Glidevale MT9K/125 Flat Roof Terminal

1.3.3 Glidevale MT13U/150 – MT13K/150

Outlets for soil pipes, passive ventilation stacks or mechanical extract ventilation ducts to be terminated with Glidevale flat roof terminals. Installation directly on the roof deck with integral prefabricated upstand (MT13U) or installation on a builder's kerb (MT13K). For use on warm or cold deck roofs with built-up roofing.

Terminal to be slate grey as standard, or colour matched to roof covering. Cowl to be manufactured with ABS and an aluminium upstand. Terminal to have integral 4mm insect mesh. Terminals to be designed and manufactured in accordance with BS EN ISO 9001 and can be used to comply with requirements of Approved Document C2, BS 5250, BS 5720 and BS 6229.

Terminal to achieve 54m³/h (15ltrs/sec) at 0.32Pa, 108m³/h (30ltrs/sec) at 1.22Pa, 216m³/h (60ltrs/sec) at 4.86Pa, 300m³/h (84ltrs/sec) at 9.5 Pa and 500m³/h (139ltrs/sec) at 27.37 with a 150mm diameter spigot.

All joints to ductwork to be sealed and mechanically secured.

Mechanically fix as per manufacturers fixing instructions.

Manufacturer: Glidevale Protect, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, Great Britain. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@glidevale.com

Product references:

Glidevale MT13U/150 Flat Roof Terminal
Glidevale MT13K/150 Flat Roof Terminal