

PRODUCT CERTIFICATE

Vilpe Oy

manufactures

VILPE® roof accessories

VILPE® roof accessories and products for roof ventilation are devices and structures penetrating the roof and its watertight layer, as well as sealing materials and related fasteners for pipe pass-throughs. The certification covers the use of the products regarding the water tightness of the roof and the durability of the products. The certificate does not cover the use of products in fire compartments. This certificate is based on an initial type assessment of the products and inspection of the factory production control according to the certification criteria SERT R076.

Products	Material	Products
Devices and structures penetrating the roof and its watertight layer	Polypropylene (PP)	Appendix 1
Sealing materials	EPDM rubber	Appendix 1

According to the results, VILPE® products comply with the requirements of the certification criteria (Appendix 2) and can be used on a non-fire compartmental roof when installed in accordance with the manufacturer's instructions. Suitable roofing materials are sheet metal, roof tiles and bitumen sheets.

This certificate is valid until May 25, 2026 on condition that the product is not essentially changed and the manufacturer and Eurofins Expert Services Oy have a valid contract on quality control. To check the validity of this certificate, www.sertifikaattihaku.fi. Other conditions are listed on the page 2 of the certificate

Espoo November 23, 2023

Katja Vahtikari
Manager, Construction Certification

Mikko Saari
Senior Expert

This document has been signed electronically

PRODUCT CERTIFICATE

Conditions of the validity of the certificate:

Where reference is made in this certificate to any regulations, publications, standards or other documents, it shall be construed as a reference to such publication in the form of which it is in force at the date of this certificate.

The manufacturer is responsible for the quality and continuous quality control of the product. In granting this certificate, Eurofins Expert Services Oy does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as direct or indirect result of the use of this product.

The use of the name of Eurofins Expert Services Oy or the name Eurofins in any other form in advertising or distribution in part of this certificate is only permissible with written authorisation from Eurofins Expert Services Oy.

This certificate is the English version of the original C163/01 Finnish certificate. In case of dispute the Finnish original of the certificate is valid.

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Manufacturer: Vilpe Oy, Mustasaari, Finland.

Summary of the certified products:

Roof pass-throughs
315/400S FLOW PASS-THROUGH
500/630S FLOW PASS-THROUGH
AALTO 2K PASS-THROUGH
CLASSIC PASS-THROUGH
CLASSIC 2K PASS-THROUGH
CLASSIC VINO 2K PASS-THROUGH
CLASSIC PASS-THROUGH LOW PITCH
DECRA PASS-THROUGH
EVO 2K PASS-THROUGH
HS SLATE PASS-THROUGH
FELT TALL PASS-THROUGH
FELT PASS-THROUGH
PROFILED STEEL 2K PASS-THROUGH
NERA PASS-THROUGH
STEEL PASS-THROUGH
TILE 2K PASS-THROUGH
UNITILE 2K PASS-THROUGH
ETERNIT B9 PASS-THROUGH
VITTINGE 2K PASS-THROUGH
XL CLASSIC PASS-THROUGH
XL FELT TALL PASS-THROUGH
XL FELT PASS-THROUGH
XL TILE PASS-THROUGH
XL UNIVERSAL PASS-THROUGH
XL UNIVERSAL MK1 PASS-THROUGH
Solar – Solar collector pass-throughs
SOLAR CLASSIC PASS-THROUGH
SOLAR FELT TALL PASS-THROUGH
SOLAR FELT PASS-THROUGH
SOLAR CABLE SEALING
SOLAR PROFILED STEEL PASS-THROUGH
SOLAR STEEL PASS-THROUGH
SOLAR TILE PASS-THROUGH
SOLAR UNITILE PASS-THROUGH
SOLAR UNIVERSAL PASS-THROUGH

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SOLAR VITTINGE PASS-THROUGH
Roof hatches
FELT ROOF HATCH
UNIROOF ROOF HATCH
MULTIROOF 200
MULTIROOF 300
Roof drains
AM ROOF OUTLET
CM ROOF OUTLET
ACID-RESISTANT VAPOR BARRIER ROOF DRAIN Ø 110
ACID-RESISTANT STEEL RENOVATION DRAIN, MODEL A Ø 42
ACID-RESISTANT STEEL RENOVATION DRAIN, MODEL C Ø 90
ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 75
ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 110
ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 160
ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 75
ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 110
ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 160

Roof pass-through sealants
AERIAL SLEEVE 12-100 MM
FELT ROOF SEAL
VAPOUR BARRIER SEAL
VAPOUR BARRIER SEAL, TALL
PIPE SEALING 110–155
R-FELT SET
ROOFSEAL RETROFITTING SET
ROOFSEAL
XL PIPE SEALING 175–250

PRODUCT CERTIFICATE

Ventilation
Exhaust ventilation pipes
Exhaust ventilation pipes of the P-series
75P/IS/500 CENTRAL VACUUM CLEANER EXHAUST
125P/IS/500 FLOW EXHAUST VENTILATION PIPE
125P/IS/700 FLOW EXHAUST VENTILATION PIPE
160P/IS/500 FLOW EXHAUST VENTILATION PIPE
160P/IS/700 FLOW EXHAUST VENTILATION PIPE
160P/IS/500 FLOW XL EXHAUST VENTILATION PIPE
160P/IS/700 FLOW XL EXHAUST VENTILATION PIPE
200P/IS/500 FLOW XL EXHAUST VENTILATION PIPE
200P/IS/700 FLOW XL EXHAUST VENTILATION PIPE
250P/IS/500 FLOW XL EXHAUST VENTILATION PIPE
250P/IS/700 FLOW XL EXHAUST VENTILATION PIPE
Exhaust ventilation pipes of the S-series
125S 250X250 EXHAUST VENT
125S 250X250 FLOW EXHAUST VENT
160S 300X300 EXHAUST VENT
160S 300X300 FLOW EXHAUST VENT
200S 400X400 EXHAUST VENT
200S 400X400 FLOW EXHAUST VENT
250S 400X400 EXHAUST VENT
250S 400X400 FLOW EXHAUST VENT
315S FLOW EXHAUST VENT SET
400S FLOW EXHAUST VENT SET
500S FLOW EXHAUST VENT SET
630S FLOW EXHAUST VENT SET
Exhaust ventilation pipes of the C-series
125C/IS/400 EXHAUST VENTILATION PIPE
125C/IS/400 FLOW EXHAUST VENTILATION PIPE
160C/IS/400 FLOW EXHAUST VENTILATION PIPE
200C/IS/450 FLOW XL EXHAUST VENTILATION PIPE
250C/IS/450 FLOW XL EXHAUST VENTILATION PIPE
Ventilation pipes for sewer and structure
110P/500 VENTILATION PIPE
160P/500 VENTILATION PIPE
110P/IS/500 VENTILATION PIPE
110C/IS/250 VENTILATION PIPE

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Ridge ventilation
AIRIDGE FELT RIDGE VENT
RIDGE CAPPING VENT
RIDGE TILE AIR VENT
KTV FELT VENTILATION SET/RIDGE
ALIPAI 75
ALIPAI FLOW 110
ALIPAI FLOW 160
ALIPAI RIDGE FLOW 27
ALIPAI RIDGE FLOW 14
ALIPAI FLOW LOW-PITCHED/INCLINED
ALIPAI FLOW INCLINED
PVC COLLAR FOR ALIPAI 110 UNDERPRESSURE AIR VENT

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Requirements of the certification criteria *SERT R076: Roof accessories:*

Property	Determination method	Requirement	Notes
Dimensions	EN ISO 3126	Correspond to the manufacturer's declaration	
Appearance, surface quality, color	Visual	Uniform	
Marking	Visual	Clear, corresponds to the manufacturer's declaration	
Manufacturing material a) Melt index b) Density	a) EN ISO 1133-1 b) EN ISO 1183-1	Correspond to the manufacturer's declaration	
Watertightness	Assessment or tightness tests applying EN 1027	Watertight	
Durability (UV radiation and frost) a) Color and gloss b) Charpy impact toughness at standard conditions and -18 ° C (before and after UV aging)	EN 4892-2 (1000h Xenon Arc) or EN 13523-10 (2000 h fluorescent UV) a) ISO 105-B02 b) EN 179-1	a) Decisively changes not allowed b) The material must retain its toughness	Do not apply to sealing tapes and flanges that are part of the structural detail
Durability (UV radiation) a) Color and gloss b) Change in tensile strength and elongation in aging	EN 4892-2 (1000h Xenon Arc) or EN 13523-10 (2000 h fluorescent UV) a) ISO 105-B02 b) ISO 37	a) Decisively changes not allowed b) Changes at most 50 %	Apply only to sealing tapes and flanges that are part of the structural detail
Durability (UV-radiation, high temperature and water)	EN 1296 ja EN 1297	Decisive changes not allowed	Applies only to sealing materials made of bitumen, plastics and rubber
Freeze-thaw resistance	EN 1253-2	No damages	Applies to roof drains only
Flow rate	EN 1253-2	Meets the requirements of size class	Applies to roof drains only
Watertightness	EN 1253-2	Watertight	Applies to roof drains only