

# PRODUCT CERTIFICATE

## Vilpe Oy

manufactures and supplies

### Chimney Pass-Throughs and Chimney Underlay Seal-pieces

The Chimney Pass-Throughs are used to seal joints between small, round shaped, Ø 200 - 380 mm, metal system chimneys and roof structure. They prevent rainwater from getting into structures through a joint between chimney and roof covering. The installed Chimney Underlay Seal-piece prevents rain- and condensate water from drifting into structures through a joint between underlay and chimney. In both products, the rubber gasket in contact with external surface of the chimney is made of flexible EPDM rubber and the remaining part is polypropylene.

This certificate is based on an initial type testing of the product and an initial inspection of the factory production control according to the certification criteria SERT R048. Product characteristics are tested by water-tightness tests, chimney's thermal resistance test and chimney (soot) fire tests. In addition, the fire class of rubber is determined. A summary of the product performance properties is presented in the table below:

Characteristic	Testing method	Result
Water tightness	EN 1027 mod. EN 12208 mod.	Tested structures: Tile roof, slope 17° Metal roof, slope 17°
Thermal durability of the EPDM rubber	Thermal durability and chimney fire resistance, EN 1856-1 1 and EN 1859 (mod)	EPDM rubber undamaged and still flexible <sup>1</sup> after testing. The maximum temperature of the EPDM during test: T450 test: 75-76 °C T600 test: 108-109 °C Chimney fire test: 182-198 °C
Fire class of the EPDM rubber	EN-ISO 11925-2 ja EN 13501-1	Class E
Strength and elongation of the EPDM rubber	ISO 37/1	Min 5 MPa/ 350 % (manufacturer declared)
Thermal durability of the EPDM (manufacturer's declaration)		Constant operating temperature: 40 - + 105 °C Highest short term operating temperature +120 °C

<sup>1)</sup> In case of soot fire, the condition of seals must be checked. The condition of seals must be checked annually.

Based on the test results, Chimney Pass-Throughs and Chimney Underlay Seal-pieces are suitable for use to seal joints CE marked, round shaped metal system chimneys and roof structure. The minimum thickness of mineral wool insulation layer on a chimney shall be 50 mm. The distance between the underlay and the top surface of the roof insulation layer shall be at least 500 mm when chimney is attached to a wood-burning sauna stove.

The installation instructions from the VILPE Chimney-Pass-Through design and instruction book 2024 or newer shall be followed.

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This certificate is valid until February 19, 2024 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](http://www.sertifikaattihaku.fi) . Other conditions are listed on page 2.

Espoo, April 23, 2024

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Katja Vahtikari  
Manager, Construction Certification

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Olli Paajanen  
Assessor

*This document has been signed electronically*

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For the certificate to be valid, the following provisions must be met:

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 C-6081-10 certificate issued in Finnish. In case of dispute the Finnish original of the certificate is valid.