

UL-EU CERTIFICATE

Certificate No.
UL-EU-01025-EN

Issue date
2016-07-15

Issue No.
3

Re-Issue date
2026-07-27

Expiry date
2036-07-26



4705

This is to acknowledge that:
FSi Limited

Address:
Westminster Industrial Estate
Tamworth Road
Measham
DE12 7DS
United Kingdom

Has had the product:
Silverseal Compound

evaluated and meets the requirements of the standards:

EAD 350454-00-1104 / EN 13501-2

Places of production:
A/011 & S/002

Authorised Signatory:

A handwritten signature in blue ink, appearing to read 'Chris Johnson'.

Chris Johnson
Issued by UL International (UK) Ltd

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix UL-EU CERTIFICATE UL-EU-01025-EN

This certificate relates to the use of Silverseal Compound for fire stopping where services penetrate floors. The detailed scope is given in page 4 of this Certificate. This shows the thickness and acceptable dimensions, substrates and orientations required to provide fire resistance periods of up to 240 minutes (E 240 / EI 180).

The product is certificated on the basis of:

- i) ETA 14/0281 EC – CERTIFICATE OF CONSTANCY OF PERFORMANCE 1121 – CPR – JA5066
- ii) Inspection and surveillance of factory production control by UL
- iii) Fire resistance test data in accordance with 1366-3: 2009
- iv) Classification in accordance with EN 13501-2
- v) Durability and Servicability as defined in EAD 350454-00-1104

The durability class of Silverseal Compound is Z₁ - intended for use at internal conditions with high humidity, excluding temperatures below 0°C

According to EN 1366-3: 2021+A1: 2024, Clause H.4.1.8.6.2, the following end uses are envisaged* based upon the tested pipe end configuration:

Pipe material	Tested pipe end	Envisaged use scenario
Metal	C/U or C/C	Closed pipe systems (e.g. systems under pressure)
	U/U, U/C or C/U	Ventilated pipe systems (e.g. sewage pipes) and for closed pipe systems
Plastic	U/U or C/U	Ventilated pipe systems and for closed pipe systems
	U/U	Ventilated pipe systems, for rainwater systems and for closed pipe systems

* In the case where a national prescription is in conflict with the content of the table above, the national prescriptions prevail.



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Product-type: Pipe Wrap		Intended use: Penetration Seal
Assessment method	Essential characteristic	Product Performance
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Class F
EN 13501-2	Resistance to fire	See page 4
BWR 3 Hygiene, health and environment		
EN 1026	Air permeability	No performance determined
EAD 350454-00-1104, Annex C	Water permeability	No performance determined
Declaration of manufacturer & EN 16516	Content, emission and/or release of dangerous substances	Declaration of manufacturer
BWR 4 Safety in use		
EOTA TR 001:2003	Mechanical resistance and stability	No performance determined
EOTA TR 001:2003	Resistance to impact/movement	No performance determined
EOTA TR 001:2003	Adhesion	No performance determined
EAD 350454-00-1104, Clause 2.2.9	Durability	Z ₁
BWR 5 Protection against noise		
EN 10140-1,2,4,5/ EN ISO 717-1	Airborne sound insulation	R _w (C;Ctr)= 47 (-1;-3)
BWR 6 Energy economy and heat retention		
EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, EN ISO 14683, EN ISO 10211, EN ISO 10456	Thermal properties	No performance determined
EN ISO 12572, EN 12086, EN ISO 10456	Water vapour permeability	No performance determined



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Substrate	Minimum Substrate Thickness (mm)	Maximum Seal Size (mm)	Seal Position	Minimum Seal Depth (mm)	Service / Min. 450 mm long Local Interrupted (LS) Insulation	Fire Resistance (mins.)*	
						E	EI
Concrete Floor	150	1100 x 1100	Flush to top of floor	100	Copper/cast iron pipe 18-107 mm diameter and 0.8 – 1.5 mm wall thickness / 50 mm thick Rockwool H&V pipe section insulation (min 150 kg/m³)	240	30
					Steel pipe 40-165 mm diameter and 3 - 5 mm wall thickness / 50 mm thick Rockwool H&V pipe section insulation (min 150 kg/m³)	240	120
					Electrical cables up to 80 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	120	120
					Non-sheathed wire up to 24 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	240	60
			Flush to top of floor + additional step around services above main seal	100 + 50	Telecomm cables up to 21 mm diameter, in a bundle of up to 100 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	180	180
Masonry/ Concrete Wall			Any position within the depth of the wall	100	Copper/cast iron pipe 18-107 mm diameter and 0.8 – 1.5 mm wall thickness / 50 mm thick Rockwool H&V pipe section insulation (min 150 kg/m³)	240	30
					Steel pipe 40-165 mm diameter and 3 - 5 mm wall thickness / 50 mm thick Rockwool H&V pipe section insulation (min 150 kg/m³)	240	120
					Electrical cables up to 80 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	180	120
					Non-sheathed wire up to 24 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	240	180
					Telecomm cables up to 21 mm diameter, in a bundle of up to 100 mm diameter / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	180	180
					Steel cable trays and ladders up to 500 mm wide / 25 mm thick Rockwool Duct Wrap insulation (min 45 kg/m³)	90	90

* All pipes are Capped/Uncapped (C/U) and Capped/Capped (C/C) configuration



Solutions

Form-ULID-006104 V10.0

Appendix UL-EU CERTIFICATE UL-EU-01025-EN

The UL-EU Marks, displayed below represent the enhanced and alternate version of the product marking. Either Mark can be used. These Marks shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



*Note: E12345 is an example of the UL file number.

The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number and UL File number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com.



Solutions

Form-ULID-006104 V10.0