

UL-EU CERTIFICATE

Certificate No.
UL-EU-01266-EN

Issue date
16-06-2023

Issue No.
2

Re-Issue date
11-02-2025

Expiry date
15-06-2033

Certificate Holder:
Siderise Insulation Ltd

Address:
Forge Industrial Estate
Nantyllon
Maesteg
CF34 0AH
UK

Product:
Fire Stop – Perimeter Seal
SIDERISE® CW-FS

Places of production:
Siderise Insulation Ltd, Forge Industrial Estate, Nantyllon
Maesteg, CF34 0AH, UK

Standard:
EAD 350141-00-1106, September 2017 / EN 13501-2

Authorised Signatory:



Chris Johnson

Issued by UL International (UK) Ltd



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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shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.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-01266-EN

This certificate relates to the use of SIDERISE® CW-FS for fire stopping where there are gaps between the spandrel panels of curtain walls and the edge of a concrete floor. The detailed scope is given in pages 3 to 4 of this Certificate. This shows the thickness and acceptable dimensions, substrates and orientations required to provide fire resistance periods of up to 120 minutes (EI 120).

The product is certificated on the basis of:

- i) Inspection and surveillance of factory production control by UL
- ii) Fire resistance test data in accordance with EN 1364-4: 2014
- iii) Classification in accordance with EN 13501-2
- iv) Durability and Serviceability as defined in EAD 350141-00-1106

The durability class of SIDERISE® CW-FS is Z₁ – intended for use at internal conditions with high humidity, excluding temperatures below 0°C.



Appendix UL-EU CERTIFICATE UL-EU-01266-EN

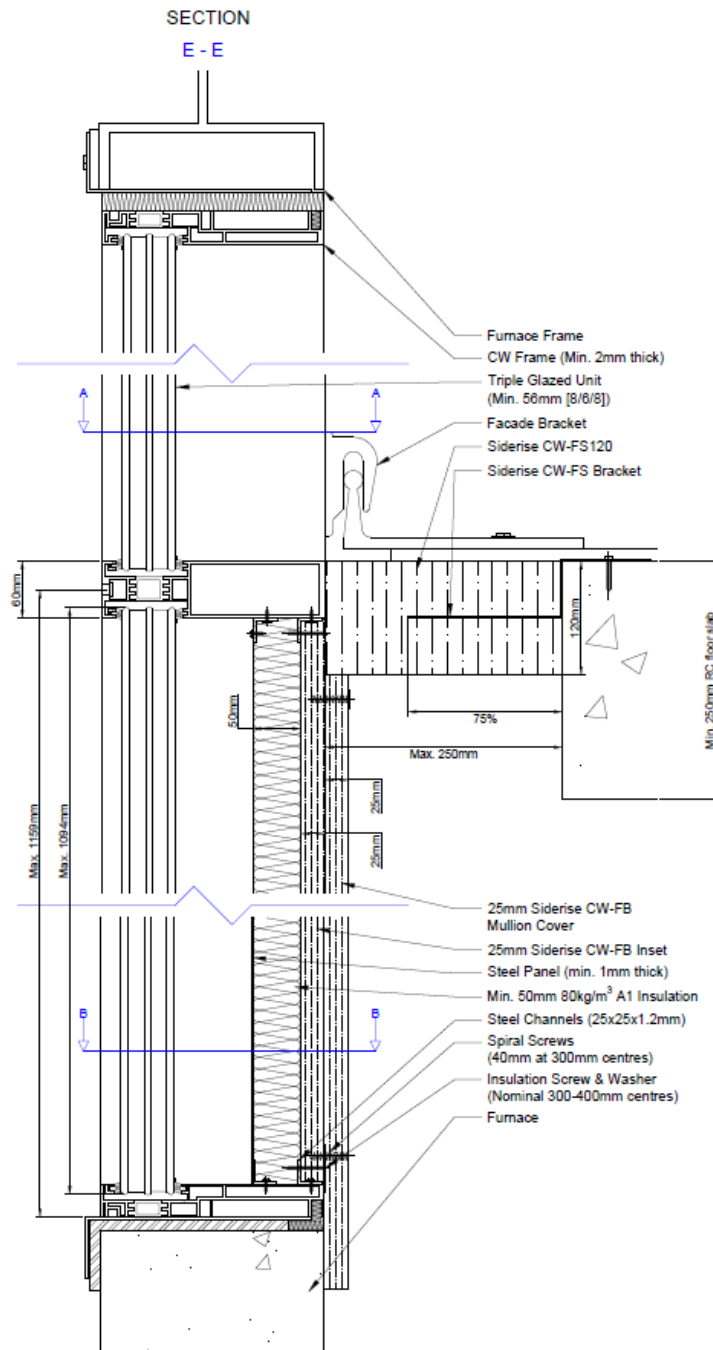
Product-type: Stone wool perimeter joint seal		Intended use: Perimeter Seal for Curtain Walls
Basic requirement for construction work	Essential characteristic	Performance
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Class A1
EN 13501-2	Resistance to fire	EI 120 – H – M 10 – F – W 250
BWR 3 Hygiene, health and environment		
Declaration of manufacturer & EN 16516	Content, emission and/or release of dangerous substances	Use categories: IA1 Declaration of manufacturer
EN 1026:2000	Air permeability (material property)	No performance determined
EAD 350141-00-1106, Annex C & EN 12390-8	Water permeability (material property)	No performance determined
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 ISO 11600 & EAD 350141-00-1106, Clause 2.2.13	Adhesion	No performance determined
EAD 350141-00-1106, Clause 2.2.12	Durability	Z ₁
EAD 350141-00-1106, Clause 2.2.13	Movement capacity	See cycling of perimeter seals for curtain walls
EAD 350141-00-1106, Clause 2.2.14	Cycling of perimeter seals for curtain walls	±10% Cycle tested at 30 cpm
EAD 350141-00-1106, Clause 2.2.15	Compression set	No performance determined
EAD 350141-00-1106, Clause 2.2.16	Linear expansion on setting	No performance determined
BWR 5 Protection against noise		
EN 10140-1,2,4,5/ EN ISO 717-1	Airborne sound insulation	No performance determined
BWR 6 Energy economy and heat retention		
EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, 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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CW-FS 120 between minimum 250mm deep concrete floor to the spandrel panel of curtain wall, minimum 1000mm high and lined with 50mm stone wool insulation plus 25mm thick SIDERISE® CW-FB over the entire surface between the frame work

Perimeter Seal: Minimum 120mm deep SIDERISE® CW-FS fitted flush to the top of the floor with 10% compression and steel brackets at maximum 600mm centres



Construction details:

Classification

EI 120 – H – M 10 – F – W 250



Solutions

Form-ULID-006104 V8.0

Appendix UL-EU CERTIFICATE UL-EU-01266-EN

The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



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 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 V8.0