

## SIDERISE® CW-FS - Perimeter Barriers and Firestops for Curtain Walling

1.	<b>Unique identification code of product-type</b>	SIDERISE® CW-FS
2.	<b>Intended use/s</b>	Fire stopping and fire sealing product – linear joint seals, ETA 21/0297 and EAD-350141-00-1106
3.	<b>Manufacturer</b>	Siderise Insulation Ltd. Forge Industrial Estate, Maesteg, Bridgend, CF34 0AH, UK
4.	<b>Applicable System or Systems of Assessment and Verification of Constancy of Performance (AVCP)</b>	System 1
5.	<b>European Assessment Document</b>	EAD-350141-00-1106 - September 2017
6.	<b>European Technical Assessment</b>	ETA 21/0297
7.	<b>Technical Assessment Body</b>	ETA-Danmark A/S
8.	<b>Notified Body</b>	DBI Certification (Notified Body: 2531)
9.	<b>Certificate No.</b>	2531-CPR-CXO10200
10.	<b>Declared Performances</b>	Please see table below.

Essential Characteristics		Performance/Harmonised technical specification
Safety in case of fire (BWR2)	<b>Reaction to Fire</b>	The product is classified as <b>Class A1</b> in accordance with EN 13501-1
	<b>Resistance to Fire</b>	Classification according to EN 13501-2, the field of application must comply with the content of ETA 21/0297 (Annex A1).
Hygiene, health and the environment (BWR3)	<b>Content, emission and/or release of dangerous substances<sup>1</sup></b>	IA1: Product in direct contact with indoor air <b>TVOC ≤ 0,5 mg/m<sup>3</sup></b>
	<b>Air permeability (material property)</b>	See ETA 21/0297 (Annex B).
	<b>Water Permeability</b>	External Use: The product is classified as <b>Class R7</b> in accordance with EN 12154. Internal Use: Watertight to <b>250 Pa</b>
Safety in use (BWR4)	<b>Mechanical resistance and stability</b>	No performance assessed
	<b>Resistance to impact/movement</b>	No performance assessed
Safety in use (BWR4)	<b>Adhesion</b>	No performance assessed
	<b>Durability</b>	Use condition: <b>Z<sub>1</sub></b>
	<b>Movement capability</b>	<b>± 10%</b>
	<b>Cycling of perimeter seals for curtain walls</b>	<b>Cycle tested at 30 cpm</b>
	<b>Compression set</b>	No performance assessed
	<b>Linear compression on setting</b>	No performance assessed
Protection against noise (BWR5)	<b>Airborne Sound Insulation</b>	<b>R<sub>w</sub> (C; C<sub>tr</sub>) = 25 (-2;-3) dB</b>
Energy Economy and heat retention (BWR6)	<b>Thermal properties</b>	<b>λ = 0,038 ± 5% (foil to foil)</b>
	<b>Water vapour permeability</b>	<b>μ-value: 94</b>
	<b>Other</b>	No performance assessed

<sup>1</sup> In addition to the specific clauses relating to dangerous substances contained in the European technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Regulation, these requirements need also to be complied with, when and where they apply.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Graham Laws - Technical Director

Date: 16/12/2022