

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

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

Essential Characteristics		Performance/Harmonised technical specification
Safety in case of fire (BWR2)	Reaction to Fire	The product is classified as Class A1 in accordance with EN 13501-1
	Resistance to Fire	Classification according to EN 13501-2, the field of application must comply with the content of ETA 305/2011 (Annex A1).
Hygiene, health and the environment (BWR3)	Content, emission and/or release of dangerous substances¹	IA1: Product in direct contact with indoor air TVOC ≤ 0,5 mg/m³
	Air permeability (material property)	External Use: The product is classified as Class R7 in accordance with EN 12154. See ETA 21/0297 (Annex B).
	Water Permeability	Internal Use: Watertight to 250 Pa
Safety in use (BWR4)	Mechanical resistance and stability	No performance assessed
	Resistance to impact/movement	No performance assessed
Safety in use (BWR4)	Adhesion	No performance assessed
	Durability	Use condition: Z₁
	Movement capability	± 10%
	Cycling of perimeter seals for curtain walls	Cycle tested at 30 cpm
	Compression set	No performance assessed
	Linear compression on setting	No performance assessed
Protection against noise (BWR5)	Airborne Sound Insulation	R_w (C; C_{tr}) = 25 (-2;-3) dB
Energy Economy and heat retention (BWR6)	Thermal properties	λ = 0,038 ± 5% (foil to foil)
	Water vapour permeability	μ-value: 94
	Other	No performance assessed

¹ 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: 27.04.2022