

DECLARATION OF PERFORMANCE

n.114_DoP_01/05/2020

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1. Unique identification code of the product – type:

STIFERITE ISOCANALE ALC

Rigid polyisocyanurate (PIR) foam covered by aluminium on both main sides

2. Batch number:

See CE mark label and marking on boards

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Thermal insulation for Building Equipment and Industrial Installations (ThiBEII)

4. Name, registered trade or registered trade mark name and contact address of manufacture

STIFERITE SpA

Viale Navigazione Interna, 54

35129 Padova (Italia)

5. Name and contact address of authorised representative whose mandate covers:

not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product:

AVCP 3

7. In case of declaration of performance concerning a construction product covered by a harmonised standard:

FIW (Monaco)

IDENTIFICATION NUMBER: 0751

Performed the test reports on the declared characteristics under system AVCP 3

CSI S.p.A.

IDENTIFICATION NUMBER: 0497

Performed the test reports on the declared characteristics under system AVCP 3

ISTITUTO GIORDANO S.p.A.

IDENTIFICATION NUMBER: 0407

Performed the test reports on the declared characteristics under system AVCP 3

LSFIRE s.r.l.

IDENTIFICATION NUMBER: 2479

Performed the test reports on the declared characteristics under system AVCP 3

SWISSI

IDENTIFICATION NUMBER: 2139

Performed the test reports on the declared characteristics under system AVCP 3

Declaration of performance	Stiferite ALC	Rev. 0 del 01/05/2020	Compiled by: F. Raggiotto	Verified by: L. Tolin	Approved by: P. Stimamiglio
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8. Declaration performance:

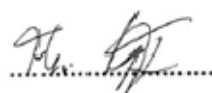
Essential Characteristics	Performance		Harmonised technical specification
Thermal resistance	Thermal conductivity λ_D (W/mK)	0,022 (10° C)	EN 14308:2009+A1:2013
	Dimensions	d_N 20-30 mm	
Reaction to fire	As placed on the market	D s2 d0	
	Joints with profiles	B s2 d0	
Durabilità della resistenza termica contro alta temperatura	Maximum service temperature	ST(+)130 (=130° C)	
Durability of thermal resistance against ageing and degradation	Maximum service temperature	ST(+)130 (=130° C)	
	Minimum service temperature	NPD	
	Dimensional stability under specified temperature and humidity conditions	DS(70,90)3 DS(-20,-)2	
	Closed cell content	CV90	
Durability of reaction to fire against ageing and degradation		Reaction to fire does not change	
Compressive strength	Compressive stress at 10 % deformation or yield:	[CS(10/Y)150] (≥ 150 kPa)	
Water permeability	Water absorption - short term by partial immersion/(kg/m ²)	Wp 0,1 ($\leq 0,1$ kg/m ²)	
Water vapor transmission		WVT 0,002 ($\leq 0,002$ g/m ² /24h)	
Rate of release of corrosive substances	Trace quantities of water-soluble chloride ions	NPD	
Release of dangerous substances		No harmonized test method available	
Continuous glowing combustion		No harmonized test method available	

- 9.** The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Fabio Raggiotto, technical manager

Padova, 01/05/2020



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