

DECLARATION OF PERFORMANCE

n.43 CPR 18/04/2017

Pag. 1/3

1. Unique identification code of the product – type: **STIFERITE RP**
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**
4. Name, registered trade or registered trade mark name and contact address of manufacture:

STIFERITE srl
Viale Navigazione Interna, 54
35129 Padova (Italy)

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

CSI S.p.A.

IDENTIFICATION NUMBER: 0497

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

And

ISTITUTO GIORDANO S.p.A.

IDENTIFICATION NUMBER: 0407

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

And

SWISSI Process Safety GmbH

IDENTIFICATION NUMBER: 2139

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

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: –
9. Declaration performance:

Declaration of performance	Stiferite RP0	Rev. 2 del 18/04/2017	Compiled by: F. Raggiotto	Verified by: L. Tolin	Approved by: P. Stimamiglio
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Essential Characteristics	Performance		Harmonised technical specification
Reaction to fire	Reaction to fire /(Euroclass)	B s1 d0	EN 13950: 2006
Water permeability	Water vapour transmission	Insulation MU 89900 Plasterboard MU 10	
Thermal resistance	Thermal resistance $R_D/(m^2K/W)$	Vedi tabella 1	
Thermal conductivity	Thermal conductivity $\lambda_D/(W/mK)$		
Thickness	Thickness $d_W/(mm)$		
Flexural strength	Flexural strength /(N)	> 400 N (L) > 160 N (T)	
Impact resistance	Impact resistance /(mm)	< 20	
Acoustic adsorption index	Sound adsorption	NPD	
Direct airborne sound insulation index	Sound adsorption	NPD	

Table 1

Insulation Thickness/(mm)	Plasterboard thickness/(mm)	Thermal conductivity $\lambda_D/(W/mK)$	Thermal resistance $R_D/(m^2K/W)$
[T2]			
20	12.5	0.023 isolante	0.83
30			1.30
40			1.74
50			2.17
60			2.61
70			3.04
80		0.21 cartongesso	3.48
90			3.91
100			4.35
110			4.78
120			5.22

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10. 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, 18/04/2017



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