

ISOVER

TECHNICAL SLAB 48

Declaration of Performance

Document No. IEINS105



Certificate No. 0015-CPR-21v1

1 Unique identification code of the product-type :

Technical Slab TS48
See table here under...

2 Type, batch or serial number or any element allowing identification of the construction product as required under Article 11(4) of the CPR:

See product label

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 name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)

Saint-Gobain Construction Products (IRL) Ltd.
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5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) :

N/A

6 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :

System 1 (Reaction to fire)
System 3 (all other declared properties)

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

Notified certification body Element Materials Technology Rotterdam B.V. No. 2812 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance (2812-CPR-BA5002) for Reaction to fire.

8 Declared performance table: According to EN 14303:2009 + A1:2013

Essential Characteristics	Performance	Abbrev.	Unit	
Product Name				Technical Slab TS48
Product thickness			mm	50
Reaction to fire	Reaction to fire	RtF	Euroclass	A2-s1, d0
Acoustic absorption index	Sound absorption			NPD
Thermal resistance	Thermal conductivity [in W/(m.K)]			
	at 10°C			0.032
	at 40°C			0.037
	at 50°C			0.039
	Dimensions		mm	50
	Tolerances			T3
Water permeability	Water absorption			NPD
Water vapour permeability	Water vapour diffusion resistance			NPD
Compressive strength	Compressive stress or compressive strength for flat products			NPD
Rate of release of corrosive substances	Trace quantity of ions Cl			NPD
	Trace quantity of ions F			NPD
	Trace quantity of ions SiO ₃			NPD
	Trace quantity of ions Na			NPD
	Value of pH			NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances			(d)
Continuous glowing combustion	Continuous glowing combustion			(d)
Durability of Reaction to fire against ageing/degradation	Durability characteristics			(a)
Durability of thermal resistance against ageing/degradation	Thermal conductivity			See above (b)
	Dimensional stability, or Maximum service temperature			Maximum service temperature (e)
Durability of thermal resistance against high temperature	Thermal conductivity			See above
	Maximum service temperature			(e)
Durability of Reaction to fire against high temperature	Durability characteristics			(c)

NPD No Performance Determined

- (a) No change in Reaction to fire properties for mineral wool products.
The fire performance of mineral wool does not deteriorate with time.
The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- (b) Thermal conductivity of mineral wool products does not change with time.
- (c) The fire performance of mineral wool products does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.
- (d) European Test Methods are under development - the standard will be amended when available.
- (e) The maximum service temperature testing needs not to be done as declared thermal conductivity is given for temperatures ≤150°C and the binder cures at T >200°C.

9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Padraig Barry,
Managing Director,
Saint-Gobain Construction Products (Irl) Limited

October 2021

CONTACT DETAILS FOR FURTHER INFORMATION:

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ISOVER is part of the Saint-Gobain group, leader in the design, production and distribution of materials for construction, industrial and consumer markets. ISOVER is the specialist in insulation within the group.

Saint-Gobain Construction Products (Irl) Limited reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation.



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