

# DECLARATION OF PERFORMANCE

**Document No. 0015-CPR UK-22v1**  
[insulation-uk.com/dop](https://insulation-uk.com/dop)

**UK  
CA**

- 1. Unique identification code of the product-type:**  
Technical Slab 48 (TS48)
- 2. Intended use/es:**  
Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)
- 3. Manufacturer:**  
Saint-Gobain Isover UK Limited,  
Whitehouse Industrial Estate,  
Runcorn, Cheshire, WA7 3DP, UK
- 4. Authorised representative:**  
N/A
- 5. System/s of AVCP:**  
System 1 (Reaction to Fire) and System 3
- 6. Designated Standard:**  
BS EN 14303:2009 + A1:2013

**Approved body/ies:**

Approved body Warringtonfire Testing and Certification Limited No.1121 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 (1121-CPR-7002) for Reaction to fire.

## 7. Declared performance/s:

Harmonised Technical Specification: BS EN 14303:2009 + A1:2013

Essential characteristics	Performance	Unit	Declared Performance
<b>Product name</b>			Technical Slab 48
<b>Product thickness</b>		mm	50
<b>Reaction to fire</b>		Euroclass	A2-s1, d0
<b>Acoustic absorption index</b>	Sound absorption		NPD
<b>Thermal resistance</b>	Thermal conductivity	W/m.K	
	at 10°C		0.032
	at 40°C		0.037
	at 50°C		0.039
	Dimensions	mm	50
	Tolerances		T3
<b>Water permeability</b>	Water absorption		NPD
<b>Water vapour permeability</b>	Water vapour diffusion resistance		NPD
<b>Compressive strength</b>	Compressive stress or compressive strength for flat products		NPD
<b>Rate of release of corrosive substances</b>	Trace quantity of ions Cl		NPD
	Trace quantity of ions F		NPD
	Trace quantity of ions SiO <sub>3</sub>		NPD
	Trace quantity of ions Na		NPD
	Value of pH		NPD
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances		(d)
<b>Continuous glowing combustion</b>	Continuous glowing combustion		(d)
<b>Durability of Reaction to fire against ageing/degradation</b>	Durability characteristics		(a)
<b>Durability of thermal resistance against ageing/degradation</b>	Thermal conductivity		See above (b)
	Dimensional stability, or Maximum service temperature		Maximum service temperature (e)
<b>Durability of thermal resistance against high temperature</b>	Thermal conductivity		See above
	Maximum service temperature		(e)
<b>Durability of Reaction to fire against high temperature</b>	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.

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**8. Appropriate technical documentation and/or specific technical documentation:**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

**Signed for and on behalf of the manufacturer by:**

A handwritten signature in black ink, appearing to read 'Dean O'Sullivan', written in a cursive style.

**Dean O'Sullivan  
Managing Director  
Runcorn.  
4th November 2022**

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Isover reserves the right to alter or amend product specification without notice.  
The information given in this publication is correct to the best of our knowledge  
at the time of publication. Whilst Isover will endeavor to ensure publications are  
up to date, it is the users responsibility to check with us that it is correct prior to use.