

Declaration of Performance

Certificate No. 0015-CPR-22v1
CE

1.

Unique identification of the product type:

Technical Slab 48 (TS48)

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 under Article 11(5):

Saint-Gobain Isover UK Limited, Whitehouse Industrial Estate, Runcorn, Cheshire, WA7 3DP, UK

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 (AVCP) of the construction product as set out in Annex V:

**System 1 (Reaction to fire)
System 3**

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

Harmonised Technical Standard: EN 14303:2009 + A1:2013

| Essential characteristics | Performance | Unit | Declared performance |
|--|--|-----------|---------------------------------|
| Product name | | | Technical Slab 48 |
| Product thickness | | mm | 50 |
| Reaction to fire | | 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 $\leq 150^{\circ}\text{C}$ and the binder cures at $T > 200^{\circ}\text{C}$.

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19 - 05 - 2022

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:

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

Dean O'Sullivan, Managing Director

Runcorn.

19th May 2022



Isover

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Isover reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at insulation-uk.com

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