

DECLARATION OF PERFORMANCE

Document No. 22.DOPTB4000-02
insulation-uk.com/dop

- 1. Unique identification of the product type:**
Celotex TB4000
 - 2. Type, batch or serial number or any other 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 product for buildings
 - 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**
Saint-Gobain Construction Products UK Ltd trading as Celotex, Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU
 - 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 3
 - 7. Covered by a harmonised standard:**
BS EN 13165:2012 + A2:2016
- Name and address of the notified body determining product-type on the basis of initial type testing:**
British Board of Agrément (No. 0836), Bucknalls Lane, Watford, Herts WD25 9BA
- Name and address of the notified body determining the Reaction to Fire performance:**
Warringtonfire Testing and Certification Limited (No. 0833), Holmesfield Road, Warrington WA1 2DS

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Celotex 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 Celotex 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.

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8. Declared performance:

Harmonised Technical Standard: BS EN 13165:2012 + A2:2016

| Essential characteristics | Performance | Unit | Declared performance |
|---|--|---------------------|---------------------------|
| Product name | | | Celotex TB4000 |
| Thickness | | mm | 20-45 |
| Thickness tolerance | dN 20-45mm | | T2 |
| Thermal resistance | Thermal resistance | m ² .K/W | 0.90 |
| | Thermal conductivity | W/m.K | 0.022 |
| Length and width | <1000mm | mm | ± 5 |
| | 1000 to 2000mm | mm | ± 7.5 |
| | 2001 to 4000mm | mm | ± 10 |
| Squareness | S _b | mm/m | ≤ 5 |
| Flatness | Length < 2.5m ≤ 0.75m ² > 0.75m ² | mm | ≤ 5 ≤ 10 |
| | | | |
| Reaction to fire | Reaction to fire | Euroclass | E |
| Durability of Reaction to fire against heat, weathering, ageing/degradation | Durability of Reaction to fire of the product as placed on the market | Euroclass | Does not change with time |
| Durability of thermal resistance against heat, weathering, ageing/ degradation | Thermal resistance | m ² .K/W | 0.90 |
| | Thermal conductivity | W/m.K | 0.022 |
| | Durability characteristics | m ² .K/W | 0.90 |
| | | W/m.K | 0.022 |
| | Dimensional stability | | DS(70,90)3 DS(-20,-)1 |
| | Deformation under specified compressive load and temperature conditions | | NPD |
| Determination of the aged values of thermal resistance and thermal conductivity | W/m.K | 0.022 | |
| Compressive strength | Compressive stress or compressive strength | kPa | CS(10\Y)120 |
| Tensile/flexural strength | Tensile strength perpendicular to faces | | NPD |
| Durability of compressive strength against ageing/ degradation | Compressive creep | | NPD |
| Water permeability | Short term water absorption | | NPD |
| | Long term water absorption | | NPD |
| | Flatness after one side wetting | | NPD |
| Water vapour permeability | Water vapour transmission | | NPD |
| Acoustic absorption index | Sound absorption | | NPD |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | | NPD (a) |
| Reaction to fire of the product in standardised assemblies simulating end-use applications | Reaction to fire of the product in standardised assemblies simulating end-use applications | | NPD |
| Continuous glowing combustion | Continuous glowing combustion | | NPD (a) |

NPD = No Performance Determined

(a) No harmonised standard test method available

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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
Hadleigh, Suffolk.
31st January 2022**

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