

Declaration of Performance

Cladding Roll 40



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| 1 Unique identification code of the product type: | Cladding Roll 40 |
| 2 Intended use/s: | Thermal Insulation for Buildings (ThIB) |
| 3 Manufacturer: | Saint-Gobain Isover UK Limited Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU |
| 4 Authorised representative: | N/A |
| 5 System/s of AVCP: | System 1 (Reaction to fire) System 3 |
| 6 Covered by designated standard: Approved body/ies: | BS EN 13162:2012 + A1:2015 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-BA0053) for Reaction to fire. |

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7 Declared performance/s:

Harmonised Technical Specification: BS EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared Performance | | | | | | |
|---|---|---------------------|----------------------|-------|-------|-------|-------|-------|-------|
| Product name | | | Cladding Roll 40 | | | | | | |
| Reaction to fire | | Euroclass | A1 | | | | | | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances (e) | | NPD | | | | | | |
| Acoustic absorption index | Sound absorption | | NPD | | | | | | |
| Impact noise transmission index | Dynamic stiffness | | NPD | | | | | | |
| | Thickness | | NPD | | | | | | |
| | Compressibility | | NPD | | | | | | |
| | Air flow resistivity | | NPD | | | | | | |
| Direct airborne sound insulation index | Air flow resistivity | | NPD | | | | | | |
| Continuous glowing combustion | Continuous glowing combustion (e) | | NPD | | | | | | |
| Thermal resistance | Thermal resistance | m ² .K/W | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 |
| | Thermal conductivity | W/m.K | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 |
| | Thickness | mm | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | Thickness class | | T1 | T1 | T1 | T1 | T1 | T1 | T1 |
| Water permeability | Short term water absorption | | NPD | | | | | | |
| | Long term water absorption | | NPD | | | | | | |
| Water vapour permeability | Water vapour transmission | | NPD | | | | | | |
| Compressive strength | Compressive stress or compressive strength | | NPD | | | | | | |
| | Point load | | NPD | | | | | | |
| Durability of Reaction to fire against heat, weathering, ageing/degradation | Durability characteristics (a) | Euroclass | A1 | | | | | | |
| Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance (b) | m ² .K/W | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 |
| | Thermal conductivity (b) | W/m.K | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 |
| | Durability characteristics (c) | | NPD | | | | | | |
| Tensile/flexural strength | Tensile strength perpendicular to faces (d) | | NPD | | | | | | |
| Durability of compressive strength against heat, weathering, ageing/degradation | Compressive creep | | NPD | | | | | | |

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) For dimensional stability thickness only.
- (d) This characteristic also covers handling and installation.
- (e) European test methods are under development.

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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 Regulations (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

East Leake 27/11/2024

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Dean O'Sullivan, Managing Director, Isover

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Place and date of issue