

Declaration of Performance

Certificate No. 0010-CPR-22v1
CE

1.

Unique identification of the product type:

Timber Frame Roll 35 & 40

Timber Frame Batt 32, 35, 40 & 43

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 Buildings (ThIB)

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-BA0053) for Reaction to fire.**

8. Declared performance

Harmonised Technical Standard: EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared performance | | | |
|---|---|---------------------|----------------------|------------------------------|------------------------------|-------|
| Product name | | | Timber Frame Roll 35 | Timber Frame Roll 35 (2x570) | Timber Frame Roll 35 (3x400) | |
| 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 | 2.55 | 2.85 | 4.00 | 4.00 |
| | Thermal conductivity | W/(m.K) | 0.035 | 0.035 | 0.035 | 0.035 |
| | Thickness | mm | 90 | 100 | 140 | 140 |
| | Thickness class | | 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 | 2.55 | 2.85 | 4.00 | 4.00 |
| | Thermal conductivity (b) | W/(m.K) | 0.035 | 0.035 | 0.035 | 0.035 |
| | 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. Declared performance

Harmonised Technical Standard: EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared performance | |
|--|---|---------------------|----------------------|-------|
| Product name | | | Timber Frame Roll 40 | |
| Reaction to fire | Release of dangerous substances (e) | 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 | 2.25 | 3.50 |
| | Thermal conductivity | W/(m.K) | 0.040 | 0.040 |
| | Thickness | mm | 90 | 140 |
| | Thickness class | | 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 | 2.25 | 3.50 |
| | Thermal conductivity (b) | W/(m.K) | 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.
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8. Declared performance

Harmonised Technical Standard: EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared performance | |
|--|---|---------------------|----------------------|-------|
| Product name | | | Timber Frame Batt 32 | |
| Reaction to fire | Release of dangerous substances (e) | 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 | 1.55 | 2.80 |
| | Thermal conductivity | W/(m.K) | 0.032 | 0.032 |
| | Thickness | mm | 50 | 90 |
| | Thickness class | | T4 | T4 |
| 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 | 1.55 | 2.80 |
| | Thermal conductivity (b) | W/(m.K) | 0.032 | 0.032 |
| | 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.
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8. Declared performance

Harmonised Technical Standard: EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared performance | | | |
|--|---|---------------------|----------------------|-------|-------|-------|
| Product name | | | Timber Frame Batt 35 | | | |
| 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 | 2.55 | 2.85 | 4.00 | 4.25 |
| | Thermal conductivity | W/(m.K) | 0.035 | 0.035 | 0.035 | 0.035 |
| | Thickness | mm | 90 | 100 | 140 | 150 |
| | Thickness class | | T4 | T4 | T4 | T4 |
| 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 | 2.55 | 2.85 | 4.00 | 4.25 |
| | Thermal conductivity (b) | W/(m.K) | 0.035 | 0.035 | 0.035 | 0.035 |
| | 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 | | | |

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Harmonised Technical Standard: EN 13162:2012 + A1:2015

| Essential characteristics | Performance | Unit | Declared performance | | | |
|---|---|---------------------|----------------------|-------|----------------------|-------|
| Product name | | | Timber Frame Batt 40 | | Timber Frame Batt 43 | |
| 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 | 2.25 | 3.50 | 2.05 | 3.25 |
| | Thermal conductivity | W/(m.K) | 0.040 | 0.040 | 0.043 | 0.043 |
| | Thickness | mm | 90 | 140 | 90 | 140 |
| | Thickness class | | T3 | T3 | T3 | T3 |
| 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 | 2.25 | 3.50 | 2.05 | 3.25 |
| | Thermal conductivity (b) | W/(m.K) | 0.040 | 0.040 | 0.043 | 0.043 |
| | 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 | | | |

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- (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.
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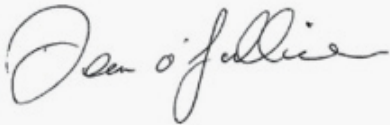
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9.

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". The signature is written in a cursive style with a large initial 'D'.

Dean O'Sullivan, Managing Director

Runcorn.

19th May 2022



Isover

Whitehouse Industrial Estate,
Runcorn WA7 3DP

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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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