

# DECLARATION OF PERFORMANCE

Certificate No. 0010-CPR-20v2



- 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
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**  
Saint-Gobain ISOVER, 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 (all other declared properties)
- 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. Notified testing laboratory British Board of Agrément No. 0836, performed the test reports for the other relevant declared characteristics.

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**ISOVER**  
SAINT-GOBAIN

## 8. Declared performance: Harmonised Technical Standard: BS EN 13162:2012 + A1:2015

| Essential characteristics   | Performance                                 | Unit                | Declared performance |                      |                              |                              |                      |                      |
|---|---|---------------------|----------------------|----------------------|------------------------------|------------------------------|----------------------|----------------------|
| Product name  |   |                     | Timber Frame Roll 35 | Timber Frame Roll 35 | Timber Frame Roll 35 (2x570) | Timber Frame Roll 35 (3x400) | Timber Frame Roll 40 | Timber Frame Roll 40 |
| Reaction to fire  | Reaction to fire                            | Euroclass           | A1                   | A1                   | A1                           | A1                           | A1                   | 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 <sup>2</sup> .K/W | 2.55                 | 2.85                 | 4.00                         | 4.00                         | 2.25                 | 3.50                 |
|   | Thermal conductivity                        | W/m.K               | 0.035                | 0.035                | 0.035                        | 0.035                        | 0.040                | 0.040                |
|   | Thickness                                   | mm                  | 90                   | 100                  | 140                          | 140                          | 90                   | 140                  |
|   | Thickness class                             |                     | 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                   | A1                   | A1                           | A1                           | A1                   | A1                   |
| Durability of thermal resistance against heat, weathering, ageing/degradation   | Thermal resistance (b)                      | m <sup>2</sup> .K/W | 2.55                 | 2.85                 | 4.00                         | 4.00                         | 2.25                 | 3.50                 |
|   | Thermal conductivity (b)                    | W/m.K               | 0.035                | 0.035                | 0.035                        | 0.035                        | 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. Declared performance: Harmonised Technical Standard: BS EN 13162:2012 + A1:2015

| Essential characteristics   | Performance                                 | Unit                | Declared performance |                      |                      |                      |                      |                      |
|---|---|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|   |   |                     | Timber Frame Batt 32 | Timber Frame Batt 32 | Timber Frame Batt 35 | Timber Frame Batt 35 | Timber Frame Batt 35 | Timber Frame Batt 35 |
| Product name  |   |                     | Timber Frame Batt 32 | Timber Frame Batt 32 | Timber Frame Batt 35 | Timber Frame Batt 35 | Timber Frame Batt 35 | Timber Frame Batt 35 |
| Reaction to fire  | Reaction to fire                            | Euroclass           | A1                   | A1                   | A1                   | A1                   | A1                   | 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 <sup>2</sup> .K/W | 1.55                 | 2.80                 | 2.55                 | 2.85                 | 4.00                 | 4.25                 |
|   | Thermal conductivity                        | W/m.K               | 0.032                | 0.032                | 0.035                | 0.035                | 0.035                | 0.035                |
|   | Thickness                                   | mm                  | 50                   | 90                   | 90                   | 100                  | 140                  | 150                  |
|   | Thickness class                             |                     | T4                   | T4                   | 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                   | A1                   | A1                   | A1                   | A1                   | A1                   |
| Durability of thermal resistance against heat, weathering, ageing/degradation   | Thermal resistance (b)                      | m <sup>2</sup> .K/W | 1.55                 | 2.80                 | 2.55                 | 2.85                 | 4.00                 | 4.25                 |
|   | Thermal conductivity (b)                    | W/m.K               | 0.032                | 0.032                | 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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| Essential characteristics   | Performance                                 | Unit                | Declared performance |                      |                      |                      |
|---|---|---------------------|----------------------|----------------------|----------------------|----------------------|
| Product name  |   |                     | Timber Frame Batt 40 | Timber Frame Batt 40 | Timber Frame Batt 43 | Timber Frame Batt 43 |
| Reaction to fire  | Reaction to fire                            | Euroclass           | A1                   | A1                   | A1                   | 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 <sup>2</sup> .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                   | A1                   | A1                   | A1                   |
| Durability of thermal resistance against heat, weathering, ageing/degradation   | Thermal resistance (b)                      | m <sup>2</sup> .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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**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".

**Dean O'Sullivan  
Managing Director**

**Runcorn, 16th December 2020**

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The logo for ISOVER SAINT-GOBAIN. The word "ISOVER" is in a bold, black, sans-serif font, with a yellow circle containing a black dot in the letter 'O'. Below "ISOVER" is the word "SAINT-GOBAIN" in a smaller, black, sans-serif font. A horizontal line is positioned below "SAINT-GOBAIN".