

Declaration of Performance

Certificate No. 0010-CPR-21v1
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, 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.

Declaration of Performance

Document No. 0010-CPR-21v1
06 - 08 - 2021

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.
- (e)** European test methods are under development.

Declaration of Performance

Document No. 0010-CPR-21v1
06 - 08 - 2021

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.
- (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.

Declaration of Performance

Document No. 0010-CPR-21v1
06 - 08 - 2021

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			

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.

Declaration of Performance

Document No. 0010-CPR-21v1
06 - 08 - 2021

8. Declared performance

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			

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.

Declaration of Performance

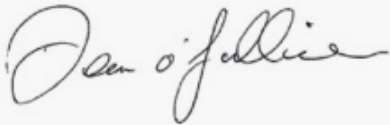
Document No. 0010-CPR-21v1
06 - 08 - 2021

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.

6th August 2021



ISOVER

Whitehouse Industrial Estate,
Runcorn WA7 3DP

**Customer Service -
Order Placement and Enquiries**

Tel: 01473 820820
Email: iukcustomerservice@saint-gobain.com

Technical Support Centre

Tel: 01473 820850
Email: technicalsupport@saint-gobain.com

insulation-uk.com

Published date: August 2021
Certificate No.: 0010-CPR-21v1

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

ISOVER: Whitehouse Industrial Estate, Runcorn, Cheshire, WA7 3DP. Tel +44 (0) 1473 822093.
Saint-Gobain Construction Products UK Limited trading as ISOVER, Registered in England. Company Number 734396.
Registered Office: Saint-Gobain House, East Leake, Loughborough, Leicestershire LE12 6JU.