

ISOVER

TIMBER FRAME ROLL

Declaration of Performance

Document No. IEINS112

 Certificate No. 0010-CPR-21v1
EN ISO 13162

1 Unique identification code of the product-type :

Timber Frame Roll 35 & 40
See table here under.

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 pursuant to Article 11(5) :

Saint-Gobain Construction Products (IRL) Ltd.
Registered in Ireland, Company No. 11815
Unit 4 Kilcarbery Business park, Nangor Road,
Dublin 22; D22 R2Y7, Tel: +353 (0) 1 629 8400

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 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.

8 Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance			
Product Name				Timber Frame Roll 35	Timber Frame Roll 35 (2x570)	Timber Frame Roll 35 (3x400)	
Reaction to fire	Reaction to fire	RtF	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	d_L		NPD			
	Compressibility	c		NPD			
	Air flow resistivity	AF_r		NPD			
Direct airborne sound insulation index	Air flow resistivity	AF_r		NPD			
Continuous glowing combustion	Continuous glowing combustion (e)			NPD			
Thermal resistance	Thermal resistance	R_D	$m^2 K/W$	2.55	2.85	4.00	4.00
	Thermal conductivity	λ_D	$W/m K$	0.035	0.035	0.035	0.035
	Thickness	d_N	mm	90	100	140	140
	Thickness class	T_i		T1	T1	T1	T1
Water permeability	Short term water absorption	W_p	kg/m^2	NPD			
	Long term water absorption	W_{lp}		NPD			
Water vapour permeability	Water vapour transmission	t or Z		NPD			
Compressive strength	Compressive stress or compressive strength	CS		NPD			
	Point load	F_p		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)	R_D	$m^2 K/W$	2.55	2.85	4.00	4.00
	Thermal conductivity (b)	λ_D	$W/m K$	0.035	0.035	0.035	0.035
	Durability characteristics (c)	d		NPD	NPD	NPD	NPD
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD			
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.



8 Declared performance table: According to EN13162: 2012+A1:2015

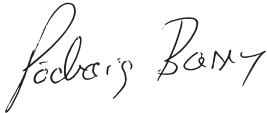
Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance	
Product Name				Timber Frame Roll 40	
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)			NPD	
Acoustic absorption index	Sound absorption			NPD	
Impact noise transmission index	Dynamic stiffness			NPD	
	Thickness	d_L		NPD	
	Compressibility	c		NPD	
	Air flow resistivity	AF_r		NPD	
Direct airbourne sound insulation index	Air flow resistivity	AF_r		NPD	
Continuous glowing combustion	Continuous glowing combustion (e)			NPD	
Thermal resistance	Thermal resistance	R_D	$m^2 K/W$	2.25	3.50
	Thermal conductivity	λ_D	$W/m K$	0.040	0.040
	Thickness	d_N	mm	90	140
	Thickness class	T_I		T1	T1
Water permeability	Short term water absorption	W_p	kg/m^2	NPD	
	Long term water absorption	W_{lp}		NPD	
Water vapour permeability	Water vapour transmission	t or Z		NPD	
Compressive strength	Compressive stress or compressive strength	CS		NPD	
	Point load	F_p		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)	R_D	$m^2 K/W$	2.25	3.50
	Thermal conductivity (b)	λ_D	$W/m K$	0.040	0.040
	Durability characteristics (c)	d		NPD	
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD	
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.

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:



Padraig Barry,
Managing Director,
Saint-Gobain Construction Products (Irl) Limited

October 2021

CONTACT DETAILS FOR FURTHER INFORMATION:

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ISOVER is part of the Saint-Gobain group, leader in the design, production and distribution of materials for construction, industrial and consumer markets. ISOVER is the specialist in insulation within the group.

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