

Declaration of Performance

Cladding Roll 40



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:

A handwritten signature in black ink, appearing to read "Dean O'Sullivan".

East Leake 27/11/2024

Dean O'Sullivan, Managing Director, Isover

Place and date of issue