

Declaration of Performance

Acoustic Roll (IE)



1 Unique identification code of the product type:	Acoustic Roll (IE)
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			Acoustic Roll (IE)			
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	0.65	1.35	1.90	2.75
	Thermal conductivity	W/m.K	0.036	0.036	0.036	0.036
	Thickness	mm	25	50	70	100
	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	0.65	1.35	1.90	2.75
	Thermal conductivity (b)	W/m.K	0.036	0.036	0.036	0.036
	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:

East Leake 27/11/2024

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Dean O'Sullivan, Managing Director, Isover

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Place and date of issue