

# DECLARATION OF PERFORMANCE

Certificate No. 0017-CPR-20v2



- 1. Unique identification of the product type:**  
UniSlab
- 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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## 8. Declared performance: Harmonised Technical Standard: BS EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared performance			
Product name			UniSlab (600mm)	UniSlab (400mm)	UniSlab (600mm)	UniSlab (600mm)
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	1.35	1.35	2.05	2.75
	Thermal conductivity	W/m.K	0.036	0.036	0.036	0.036
	Thickness	mm	50	50	75	100
	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	A1	A1	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance (b)	m <sup>2</sup> .K/W	1.35	1.35	2.05	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. Declared performance: Harmonised Technical Standard: BS EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared performance		
Product name			UniSlab (400mm)	UniSlab (600mm)	UniSlab (400mm)
Reaction to fire	Reaction to fire	Euroclass	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	2.75	3.85	3.85
	Thermal conductivity	W/m.K	0.036	0.036	0.036
	Thickness	mm	100	140	140
	Thickness class		T4	T4	T4
Water permeability	Short term water absorption	kg/m <sup>2</sup>		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
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance (b)	m <sup>2</sup> .K/W	2.75	3.85	3.85
	Thermal conductivity (b)	W/m.K	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.

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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:**



**Dean O'Sullivan  
Managing Director**

**Runcorn, 16th December 2020**

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