

# Declaration of Performance

Certificate No. 0012-CPR-21v1  
CE

**1.**

Unique identification of the product type:

**Cavity Wall Slab 32**

**Cavity Wall Slab 34**

**Cavity Wall Slab 36**

**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			
<b>Product name</b>			Cavity Wall Slab 32			
<b>Reaction to fire</b>		Euroclass	A1			
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances (e)		NPD			
<b>Acoustic absorption index</b>	Sound absorption		NPD			
<b>Impact noise transmission index</b>	Dynamic stiffness		NPD			
	Thickness		NPD			
	Compressibility		NPD			
	Air flow resistivity		NPD			
<b>Direct airborne sound insulation index</b>	Air flow resistivity		NPD			
<b>Continuous glowing combustion</b>	Continuous glowing combustion (e)		NPD			
<b>Thermal resistance</b>	Thermal resistance	m <sup>2</sup> .K/W	2.00	2.30	2.65	3.10
	Thermal conductivity	W/(m.K)	0.032	0.032	0.032	0.032
	Thickness	mm	65	75	85	100
	Thickness class		T4	T4	T4	T4
<b>Water permeability</b>	Short term water absorption	kg/m <sup>2</sup>	WS	WS	WS	WS
	Long term water absorption		NPD			
<b>Water vapour permeability</b>	Water vapour transmission		NPD			
<b>Compressive strength</b>	Compressive stress or compressive strength		NPD			
	Point load		NPD			
<b>Durability of Reaction to fire against heat, weathering, ageing/degradation</b>	Durability characteristics (a)	Euroclass	A1			
<b>Durability of thermal resistance against heat, weathering, ageing/degradation</b>	Thermal resistance (b)	m <sup>2</sup> .K/W	2.00	2.30	2.65	3.10
	Thermal conductivity (b)	W/(m.K)	0.032	0.032	0.032	0.032
	Durability characteristics (c)		NPD			
<b>Tensile/flexural strength</b>	Tensile strength perpendicular to faces (d)		NPD			
<b>Durability of compressive strength against heat, weathering, ageing/degradation</b>	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: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared performance			
<b>Product name</b>			Cavity Wall Slab 34			
<b>Reaction to fire</b>		Euroclass	A1			
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances (e)		NPD			
<b>Acoustic absorption index</b>	Sound absorption		NPD			
<b>Impact noise transmission index</b>	Dynamic stiffness		NPD			
	Thickness		NPD			
	Compressibility		NPD			
	Air flow resistivity		NPD			
<b>Direct airborne sound insulation index</b>	Air flow resistivity		NPD			
<b>Continuous glowing combustion</b>	Continuous glowing combustion (e)		NPD			
<b>Thermal resistance</b>	Thermal resistance	m <sup>2</sup> .K/W	2.20	2.90	3.65	4.40
	Thermal conductivity	W/(m.K)	0.034	0.034	0.034	0.034
	Thickness	mm	75	100	125	150
	Thickness class		T4	T4	T4	T4
<b>Water permeability</b>	Short term water absorption	kg/m <sup>2</sup>	WS	WS	WS	WS
	Long term water absorption		NPD			
<b>Water vapour permeability</b>	Water vapour transmission		NPD			
<b>Compressive strength</b>	Compressive stress or compressive strength		NPD			
	Point load		NPD			
<b>Durability of Reaction to fire against heat, weathering, ageing/degradation</b>	Durability characteristics (a)	Euroclass	A1			
<b>Durability of thermal resistance against heat, weathering, ageing/degradation</b>	Thermal resistance (b)	m <sup>2</sup> .K/W	2.20	2.90	3.65	4.40
	Thermal conductivity (b)	W/(m.K)	0.034	0.034	0.034	0.034
	Durability characteristics (c)		NPD			
<b>Tensile/flexural strength</b>	Tensile strength perpendicular to faces (d)		NPD			
<b>Durability of compressive strength against heat, weathering, ageing/degradation</b>	Compressive creep		NPD			

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**(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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Essential characteristics	Performance	Unit	Declared performance			
<b>Product name</b>			Cavity Wall Slab 36			
<b>Reaction to fire</b>		Euroclass	A1			
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances (e)		NPD			
<b>Acoustic absorption index</b>	Sound absorption		NPD			
<b>Impact noise transmission index</b>	Dynamic stiffness		NPD			
	Thickness		NPD			
	Compressibility		NPD			
	Air flow resistivity		NPD			
<b>Direct airborne sound insulation index</b>	Air flow resistivity		NPD			
<b>Continuous glowing combustion</b>	Continuous glowing combustion (e)		NPD			
<b>Thermal resistance</b>	Thermal resistance	m <sup>2</sup> .K/W	1.35	1.80	2.05	2.35
	Thermal conductivity	W/(m.K)	0.036	0.036	0.036	0.036
	Thickness	mm	50	65	75	85
	Thickness class		T4	T4	T4	T4
<b>Water permeability</b>	Short term water absorption	kg/m <sup>2</sup>	WS	WS	WS	WS
	Long term water absorption		NPD			
<b>Water vapour permeability</b>	Water vapour transmission		NPD			
<b>Compressive strength</b>	Compressive stress or compressive strength		NPD			
	Point load		NPD			
<b>Durability of Reaction to fire against heat, weathering, ageing/degradation</b>	Durability characteristics (a)	Euroclass	A1			
<b>Durability of thermal resistance against heat, weathering, ageing/degradation</b>	Thermal resistance (b)	m <sup>2</sup> .K/W	1.35	1.80	2.05	2.35
	Thermal conductivity (b)	W/(m.K)	0.036	0.036	0.036	0.036
	Durability characteristics (c)		NPD			
<b>Tensile/flexural strength</b>	Tensile strength perpendicular to faces (d)		NPD			
<b>Durability of compressive strength against heat, weathering, ageing/degradation</b>	Compressive creep		NPD			

**NPD** No Performance Determined

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<b>Impact noise transmission index</b>	Dynamic stiffness		NPD		
	Thickness		NPD		
	Compressibility		NPD		
	Air flow resistivity		NPD		
<b>Direct airborne sound insulation index</b>	Air flow resistivity		NPD		
<b>Continuous glowing combustion</b>	Continuous glowing combustion (e)		NPD		
<b>Thermal resistance</b>	Thermal resistance	m <sup>2</sup> .K/W	2.75	3.45	4.15
	Thermal conductivity	W/(m.K)	0.036	0.036	0.036
	Thickness	mm	100	125	150
	Thickness class		T4	T4	T4
<b>Water permeability</b>	Short term water absorption	kg/m <sup>2</sup>	WS	WS	WS
	Long term water absorption		NPD		
<b>Water vapour permeability</b>	Water vapour transmission		NPD		
<b>Compressive strength</b>	Compressive stress or compressive strength		NPD		
	Point load		NPD		
<b>Durability of Reaction to fire against heat, weathering, ageing/degradation</b>	Durability characteristics (a)	Euroclass	A1		
<b>Durability of thermal resistance against heat, weathering, ageing/degradation</b>	Thermal resistance (b)	m <sup>2</sup> .K/W	2.75	3.45	4.15
	Thermal conductivity (b)	W/(m.K)	0.036	0.036	0.036
	Durability characteristics (c)		NPD		
<b>Tensile/flexural strength</b>	Tensile strength perpendicular to faces (d)		NPD		
<b>Durability of compressive strength against heat, weathering, ageing/degradation</b>	Compressive creep		NPD		

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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:

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 -  
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**[insulation-uk.com](http://insulation-uk.com)**

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For an up-to-date library of product information, users should visit the website at [insulation-uk.com](http://insulation-uk.com)

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