

Declaration of Performance

Certificate No. 0012-CPR-22v1
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 UK Limited, 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
for all products marked with (1) in this document.**

**Notified certification body 0402 RISE Research
Institutes of Sweden AB 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 according to system 1 and system 3 and
issued the certificate of constancy of performance
0402-CPD-SC1312-11 for all products marked with (2)
in this document.**

8. Declared performance

Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared performance	Declared performance	Declared performance	Declared performance	Declared performance	Declared performance
Product name			Cavity Wall Slab 32 ⁽¹⁾	Cavity Wall Slab 32 ⁽¹⁾	Cavity Wall Slab 32 ⁽¹⁾	Cavity Wall Slab 32 ^{(1) (2)}	Cavity Wall Slab 32 ⁽²⁾	Cavity Wall Slab 32 ⁽²⁾
Reaction to fire		Euroclass	A1	A1	A1	A1	A1	A1
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)		NPD	NPD	NPD	NPD	NPD	NPD
Acoustic absorption index	Sound absorption		NPD	NPD	NPD	NPD	NPD	NPD
Impact noise transmission index	Dynamic stiffness		NPD	NPD	NPD	NPD	NPD	NPD
	Thickness		NPD	NPD	NPD	NPD	NPD	NPD
	Compressibility		NPD	NPD	NPD	NPD	NPD	NPD
	Air flow resistivity		NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation index	Air flow resistivity		NPD	NPD	NPD	NPD	NPD	NPD
Continuous glowing combustion	Continuous glowing combustion (e)		NPD	NPD	NPD	NPD	NPD	NPD
Thermal resistance	Thermal resistance	m ² .K/W	2.00	2.30	2.65	3.10	3.90	4.65
	Thermal conductivity	W/(m.K)	0.032	0.032	0.032	0.032	0.032	0.032
	Thickness	mm	65	75	85	100	125	150
	Thickness class		T4	T4	T4	T4	T4	T4
Water permeability	Short term water absorption	kg/m ²	WS	WS	WS	WS	WS	WS
	Long term water absorption		NPD	NPD	NPD	NPD	NPD	NPD
Water vapour permeability	Water vapour transmission		NPD	NPD	NPD	NPD	NPD	NPD
Compressive strength	Compressive stress or compressive strength		NPD	NPD	NPD	NPD	NPD	NPD
	Point load		NPD	NPD	NPD	NPD	NPD	NPD
Durability of Reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a)	Euroclass	A1	A1	A1	A1	A1	A1
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (b)	m ² .K/W	2.00	2.30	2.65	3.10	3.90	4.65
	Thermal conductivity (b)	W/(m.K)	0.032	0.032	0.032	0.032	0.032	0.032
	Durability characteristics (c)		NPD	NPD	NPD	NPD	NPD	NPD
Tensile/flexural strength	Tensile strength perpendicular to faces (d)		NPD	NPD	NPD	NPD	NPD	NPD
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive creep		NPD	NPD	NPD	NPD	NPD	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	Declared performance	Declared performance	Declared performance
Product name			Cavity Wall Slab 34 ^(b)	Cavity Wall Slab 34 ^(b)	Cavity Wall Slab 34 ^(b)	Cavity Wall Slab 34 ^(b)
Reaction to fire		Euroclass	A1	A1	A1	A1
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)		NPD	NPD	NPD	NPD
Acoustic absorption index	Sound absorption		NPD	NPD	NPD	NPD
Impact noise transmission index	Dynamic stiffness		NPD	NPD	NPD	NPD
	Thickness		NPD	NPD	NPD	NPD
	Compressibility		NPD	NPD	NPD	NPD
	Air flow resistivity		NPD	NPD	NPD	NPD
Direct airborne sound insulation index	Air flow resistivity		NPD	NPD	NPD	NPD
Continuous glowing combustion	Continuous glowing combustion (e)		NPD	NPD	NPD	NPD
Thermal resistance	Thermal resistance	m ² .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
Water permeability	Short term water absorption	kg/m ²	WS	WS	WS	WS
	Long term water absorption		NPD	NPD	NPD	NPD
Water vapour permeability	Water vapour transmission		NPD	NPD	NPD	NPD
Compressive strength	Compressive stress or compressive strength		NPD	NPD	NPD	NPD
	Point load		NPD	NPD	NPD	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 ² .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	NPD	NPD	NPD
Tensile/flexural strength	Tensile strength perpendicular to faces (d)		NPD	NPD	NPD	NPD
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive creep		NPD	NPD	NPD	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.

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Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared performance	Declared performance	Declared performance	Declared performance	Declared performance	Declared performance	Declared performance
Product name			Cavity Wall Slab 36 ^{(1) (2)}	Cavity Wall Slab 36 ⁽¹⁾	Cavity Wall Slab 36 ^{(1) (2)}	Cavity Wall Slab 36 ⁽¹⁾	Cavity Wall Slab 36 ^{(1) (2)}	Cavity Wall Slab 36 ⁽¹⁾	Cavity Wall Slab 36 ⁽¹⁾
Reaction to fire		Euroclass	A1	A1	A1	A1	A1	A1	A1
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Acoustic absorption index	Sound absorption		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Impact noise transmission index	Dynamic stiffness		NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Thickness		NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Compressibility		NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Air flow resistivity		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation index	Air flow resistivity		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Continuous glowing combustion	Continuous glowing combustion (e)		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Thermal resistance	Thermal resistance	m ² .K/W	1.35	1.80	2.05	2.35	2.75	3.45	4.15
	Thermal conductivity	W/(m.K)	0.036	0.036	0.036	0.036	0.036	0.036	0.036
	Thickness	mm	50	65	75	85	100	125	150
	Thickness class		T4	T4	T4	T4	T4	T4	T4
Water permeability	Short term water absorption	kg/m ²	WS	WS	WS	WS	WS	WS	WS
	Long term water absorption		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Water vapour permeability	Water vapour transmission		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Compressive strength	Compressive stress or compressive strength		NPD	NPD	NPD	NPD	NPD	NPD	NPD
	Point load		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Durability of Reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a)	Euroclass	A1	A1	A1	A1	A1	A1	A1
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (b)	m ² .K/W	1.35	1.80	2.05	2.35	2.75	3.45	4.15
	Thermal conductivity (b)	W/(m.K)	0.036	0.036	0.036	0.036	0.036	0.036	0.036
	Durability characteristics (c)		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Tensile/flexural strength	Tensile strength perpendicular to faces (d)		NPD	NPD	NPD	NPD	NPD	NPD	NPD
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive creep		NPD	NPD	NPD	NPD	NPD	NPD	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.

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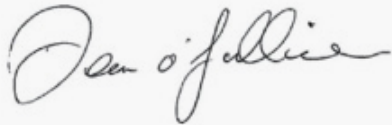
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9.

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.

19th May 2022



Isover

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Isover reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at insulation-uk.com

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