ISOVER
CAVITY WALL SLAB

32/34/36

Declaration of Performance

Document No. IEINS114
Certificate No. 0012-CPR-21v1

1 Unique identification code 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 pursuant to Article 11(5):

Saint-Gobain Construction Products (IRL) Ltd. Registered in Ireland, Company No. 11815 Unit 4 Kilcarbery Business park, Nangor Road, Dublin 22; D22 R2Y7, Tel: +353 (0) 1 629 8400

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 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.

Date of Publication: December 2022

8 Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance			
Product Name				Cavity Wall Slab 32			
Reaction to fire	Reaction to fire	RtF	Euroclass	A1			
Release of dangerous substances to the indoor enviroment	Release of dangerous substances (e)			NPD			
Acoustic absorption index	Sound absorption			NPD			
Impact noise transmission index	Dynamic stiffness			NPD			
	Thickness	d_L		NPD			
	Compressibility	c		NPD			
	Air flow resistivity	AF_r		NPD			
Direct airbourne sound insulation index	Air flow resistivity	AF_r		NPD			
Continuous glowing combustion	Continuous glowing combustion (e)			NPD			
Thermal resistance	Thermal resistance	R_D	m^2 K/W	2.00	2.30	2.65	3.10
	Thermal conductivity	λ_D	W/m K	0.032	0.032	0.032	0.032
	Thickness	d_N	mm	65	75	85	100
	Thickness class	T_i		T1	T1	T1	T1
Water permeability	Short term water absorption	W_p		NPD			
	Long term water absorption	W_{lp}		NPD			
Water vapour permeability	Water vapour transmission	t or Z		NPD			
Compressive strength	Compressive stress or compressive strength	CS		NPD			
	Point load	F_p		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)	R_D	m^2 K/W	2.00	2.30	2.65	3.10
	Thermal conductivity (b)	λ_D	W/m K	0.032	0.032	0.032	0.032
	Durability characteristics (c)	d		NPD			
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD			
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.

8 Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance			
Product Name				Cavity Wall Slab 34			
Reaction to fire	Reaction to fire	RtF	Euroclass	A1			
Release of dangerous substances to the indoor enviroment	Release of dangerous substances (e)			NPD			
Acoustic absorption index	Sound absorption			NPD			
Impact noise transmission index	Dynamic stiffness			NPD			
	Thickness	d_L		NPD			
	Compressibility	c		NPD			
	Air flow resistivity	AF_r		NPD			
Direct airbourne sound insulation index	Air flow resistivity	AF_r		NPD			
Continuous glowing combustion	Continuous glowing combustion (e)			NPD			
Thermal resistance	Thermal resistance	R_D	m^2 K/W	2.20	2.90	3.65	4.40
	Thermal conductivity	λ_D	W/m K	0.034	0.034	0.034	0.034
	Thickness	d_N	mm	75	100	125	150
	Thickness class	T_i		T1	T1	T1	T1
Water permeability	Short term water absorption	W_p		NPD			
	Long term water absorption	W_{lp}		NPD			
Water vapour permeability	Water vapour transmission	t or Z		NPD			
Compressive strength	Compressive stress or compressive strength	CS		NPD			
	Point load	F_p		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)	R_D	m^2 K/W	2.00	2.30	2.65	3.10
	Thermal conductivity (b)	λ_D	W/m K	0.032	0.032	0.032	0.032
	Durability characteristics (c)	d		NPD			
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD			
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.

8 Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance						
Product Name				Cavity Wall Slab 36						
Reaction to fire	Reaction to fire	RtF	Euroclass	A1						
Release of dangerous substances to the indoor enviroment	Release of dangerous substances (e)			NPD						
Acoustic absorption index	Sound absorption			NPD						
Impact noise transmission index	Dynamic stiffness			NPD						
	Thickness	d_L		NPD						
	Compressibility	c		NPD						
	Air flow resistivity	AF_r		NPD						
Direct airbourne sound insulation index	Air flow resistivity	AF_r		NPD						
Continuous glowing combustion	Continuous glowing combustion (e)			NPD						
Thermal resistance	Thermal resistance	R_D	m^2 K/W	1.35	1.80	2.05	2.35	2.75	3.45	4.15
	Thermal conductivity	λ_D	W/m K	0.036	0.036	0.036	0.036	0.036	0.036	0.036
	Thickness	d_N	mm	50	65	75	85	100	125	150
	Thickness class	T_i		T1	T1	T1	T1	T1	T1	T1
Water permeability	Short term water absorption	W_p		NPD						
	Long term water absorption	W_{lp}		NPD						
Water vapour permeability	Water vapour transmission	t or Z		NPD						
Compressive strength	Compressive stress or compressive strength	CS		NPD						
	Point load	F_p		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)	R_D	m^2 K/W	1.35	1.80	2.05	2.35	2.75	3.45	4.15
	Thermal conductivity (b)	λ_D	W/m K	0.036	0.036	0.036	0.036	0.036	0.036	0.036
	Durability characteristics (c)	d		NPD						
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD						
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.

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:

Kieran Holohan,
Managing Director,
Saint-Gobain Construction Products (Irl) Limited

July 2023

CONTACT DETAILS FOR FURTHER INFORMATION

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