ISOVER
CLIMCOVER

SLAB AND ROLL

Declaration of Performance

Document No. IEINS102
Certificate No. 0020-CPR-21v1

1 Unique identification code of the product-type:

CLIMCOVER Roll Alu2
CLIMCOVER Roll Alu2 Strong
CLIMCOVER Slab Alu2
CLIMCOVER Slab Alu2 Standard

See table here under...

2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

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 of Building Equipment and Industrial Installations (ThIBEII)

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-BA0158) for Reaction to fire.

Date of Publication: December 2022

8 Declared performance table: According to EN 14303:2009 + A1:2013

Essential Characteristics	Performance	Unit	Declared Performance		
Product Name			CLIMCOVER Roll Alu2		
Product Code			5200900798	5200900801	5200900803
Product Thickness		mm	25	40	50
Reaction to fire		Euroclass	A2-s1, d0		
Acoustic absorption index	Sound absorption		NPD		
Thermal resistance	Thermal conductivity [in W/(m.K)]				
	at 10°C	W/(m.K)	0.032	0.032	0.032
	at 40°C	W/(m.K)	0.037	0.037	0.037
	at 50°C	W/(m.K)	0.039	0.039	0.039
	at 100°C	W/(m.K)	0.049	0.049	0.049
	at 120°C	W/(m.K)	0.054	0.054	0.054
	Dimensions	mm	25	40	50
	Tolerances		T3	T3	T3
Water permeability	Water absorption		NPD		
Water vapour permeability	Water vapour diffusion resistance		NPD		
Compressive strength	Compressive stress or compressive strength for flat products		NPD		
Rate of release of corrosive substances	Trace quantity of ions Cl		NPD		
	Trace quantity of ions F		NPD		
	Trace quantity of ions SiO_3		NPD		
	Trace quantity of ions Na		NPD		
	Value of pH		NPD		
Release of dangerous substances to the indoor environment	Release of dangerous substances		(d)		
Continuous glowing combustion	Continuous glowing combustion		(d)		
Durability of Reaction to fire against ageing/degradation	Durability characteristics		(a)		
Durability of thermal resistance against ageing/degradation	Thermal conductivity		See above (b)		
	Dimensional stability, or Maximum Service Temperature		Maximum service temperature (e)		
Durability of thermal resistance against high temperature	Thermal conductivity		See above		
	Maximum service temperature		(e)		
Durability of Reaction to fire against high temperature	Durability characteristics		(c)		

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) The fire performance of mineral wool products does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

(d) European Test Methods are under development - the standard will be amended when available.

(e) The maximum service temperature testing needs not to be done as declared thermal conductivity is given for temperatures ≤150°C and the binder cures at T >200°C.

8 Declared performance table: According to EN 14303:2009 + A1:2013

Essential Characteristics	Performance	Unit	Declared Performance		
Product Name			CLIMCOVER Roll Alu2 Strong		
Product Thickness		mm	25	40	50
Reaction to fire		Euroclass	A2-s1, d0		
Acoustic absorption index	Sound absorption		NPD		
Thermal resistance	Thermal conductivity [in W/(m.K)]				
	at 10°C	W/(m.K)	0.032	0.032	0.032
	at 40°C	W/(m.K)	0.036	0.036	0.036
	at 50°C	W/(m.K)	0.038	0.038	0.038
	at 100°C	W/(m.K)	0.045	0.045	0.045
	at 120°C	W/(m.K)	0.049	0.049	0.049
	Dimensions	mm	25	40	50
	Tolerances		T3	T3	T3
Water permeability	Water absorption		NPD		
Water vapour permeability	Water vapour diffusion resistance		NPD		
Compressive strength	Compressive stress or compressive strength for flat products		NPD		
Rate of release of corrosive substances	Trace quantity of ions Cl		NPD		
	Trace quantity of ions F		NPD		
	Trace quantity of ions SiO_3		NPD		
	Trace quantity of ions Na		NPD		
	Value of pH		NPD		
Release of dangerous substances to the indoor environment	Release of dangerous substances		(d)		
Continuous glowing combustion	Continuous glowing combustion		(d)		
Durability of Reaction to fire against ageing/degradation	Durability characteristics		(a)		
Durability of thermal resistance against ageing/degradation	Thermal conductivity		See above (b)		
	Dimensional stability, or Maximum Service Temperature		Maximum service temperature (e)		
Durability of thermal resistance against high temperature	Thermal conductivity		See above		
	Maximum service temperature		(e)		
Durability of Reaction to fire against high temperature	Durability characteristics		(c)		

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) The fire performance of mineral wool products does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

(d) European Test Methods are under development - the standard will be amended when available.

(e) The maximum service temperature testing needs not to be done as declared thermal conductivity is given for temperatures ≤150°C and the binder cures at T >200°C.

8 Declared performance table: According to EN 14303:2009 + A1:2013

Essential Characteristics	Performance	Unit	Declared Performance	
Product Name			CLIMCOVER Slab Alu2	
Product Code			5200625471	5200625473
Product Thickness		mm	40	50
Reaction to fire		Euroclass	A2-s1, d0	
Acoustic absorption index	Sound absorption		NPD	
Thermal resistance	Thermal conductivity [in W/(m.K)]			
	at 10°C	W/(m.K)	0.032	0.032
	at 40°C	W/(m.K)	0.036	0.037
	at 50°C	W/(m.K)	0.038	0.038
	at 100°C	W/(m.K)	0.045	0.047
	at 120°C	W/(m.K)	0.049	0.051
	Dimensions	mm	40	50
	Tolerances		T3	T3
Water permeability	Water absorption		NPD	
Water vapour permeability	Water vapour diffusion resistance		NPD	
Compressive strength	Compressive stress or compressive strength for flat products		NPD	
Rate of release of corrosive substances	Trace quantity of ions Cl		NPD	
	Trace quantity of ions F		NPD	
	Trace quantity of ions SiO_3		NPD	
	Trace quantity of ions Na		NPD	
	Value of pH		NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances		(d)	
Continuous glowing combustion	Continuous glowing combustion		(d)	
Durability of Reaction to fire against ageing/degradation	Durability characteristics		(a)	
Durability of thermal resistance against ageing/degradation	Thermal conductivity		See above (b)	
	Dimensional stability, or Maximum Service Temperature		Maximum service temperature (e)	
Durability of thermal resistance against high temperature	Thermal conductivity		See above	
	Maximum service temperature		(e)	
Durability of Reaction to fire against high temperature	Durability characteristics		(c)	

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) The fire performance of mineral wool products does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

(d) European Test Methods are under development - the standard will be amended when available.

(e) The maximum service temperature testing needs not to be done as declared thermal conductivity is given for temperatures ≤150°C and the binder cures at T >200°C.

8 Declared performance table: According to EN 14303:2009 + A1:2013

Essential Characteristics	Performance	Unit	Declared Performance	
Product Name			CLIMCOVER Slab Alu2 Standard	
Product Code			5200625467	5200625469
Product Thickness		mm	40	50
Reaction to fire		Euroclass	A2-s1, d0	
Acoustic absorption index	Sound absorption		NPD	
Thermal resistance	Thermal conductivity [in W/(m.K)]			
	at 10°C	W/(m.K)	0.032	0.032
	at 40°C	W/(m.K)	0.036	0.036
	at 50°C	W/(m.K)	0.038	0.037
	at 100°C	W/(m.K)	0.045	0.047
	at 120°C	W/(m.K)	0.049	0.051
	Dimensions	mm	40	50
	Tolerances		T3	T3
Water permeability	Water absorption		NPD	
Water vapour permeability	Water vapour diffusion resistance		NPD	
Compressive strength	Compressive stress or compressive strength for flat products		NPD	
Rate of release of corrosive substances	Trace quantity of ions Cl		NPD	
	Trace quantity of ions F		NPD	
	Trace quantity of ions SiO_3		NPD	
	Trace quantity of ions Na		NPD	
	Value of pH		NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances		(d)	
Continuous glowing combustion	Continuous glowing combustion		(d)	
Durability of Reaction to fire against ageing/degradation	Durability characteristics		(a)	
Durability of thermal resistance against ageing/degradation	Thermal conductivity		See above (b)	
	Dimensional stability, or Maximum Service Temperature		Maximum service temperature (e)	
Durability of thermal resistance against high temperature	Thermal conductivity		See above	
	Maximum service temperature		(e)	
Durability of Reaction to fire against high temperature	Durability characteristics		(c)	

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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(d) European Test Methods are under development - the standard will be amended when available.

(e) The maximum service temperature testing needs not to be done as declared thermal conductivity is given for temperatures ≤150°C and the binder cures at T >200°C.

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:

Padraig Barry,
Managing Director,
Saint-Gobain Construction Products (Irl) Limited

December 2022

CONTACT DETAILS FOR FURTHER INFORMATION

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