

Declaration of Performance

Climcover



Technical Insulation

1 Unique identification code of the product type:	CLIMCOVER Roll Alu2 CLIMCOVER Roll Alu2 Strong CLIMCOVER Slab Alu2 CLIMCOVER Slab Alu2 Standard
2 Intended use/s:	Thermal Insulation for Buildings (ThIB)
3 Manufacturer:	Saint-Gobain Isover UK Limited Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU
4 Authorised representative:	N/A
5 System/s of AVCP:	System 1 (Reaction to fire) System 3
6 Covered by harmonised standard: Approved body/ies:	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.

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7 Declared performance/s:

Harmonised Technical Specification: BS EN 14303:2009 + A1:2013

Essential characteristics	Performance	Unit	Declared Performance		
Product name			CLIMCOVER Roll Alu2		
Product thickness		mm	25	40	50
Reaction to fire		Euroclass	A2-s1,d0		
Acoustic absorption index	Sound absorption		NPD		
Thermal resistance	Thermal conductivity	W/m.K			
	at 10°C		0.032	0.032	0.032
	at 40°C		0.037	0.037	0.037
	at 50°C		0.039	0.039	0.039
	at 100°C		0.049	0.049	0.049
	at 120°C		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 transmission		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.

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7 Declared performance/s:

Harmonised Technical Specification: BS 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	W/m.K			
	at 10°C		0.032	0.032	0.032
	at 40°C		0.037	0.037	0.037
	at 50°C		0.038	0.038	0.038
	at 100°C		0.047	0.047	0.047
	at 120°C		0.051	0.051	0.051
	Dimensions	mm	25	40	50
	Tolerances		T3	T3	T3
Water permeability	Water absorption		NPD		
Water vapour permeability	Water vapour transmission		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 $\leq 150^{\circ}\text{C}$ and the binder cures at $T > 200^{\circ}\text{C}$.

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7 Declared performance/s:

Harmonised Technical Specification: BS EN 14303:2009 + A1:2013

Essential characteristics	Performance	Unit	Declared Performance	
Product name			CLIMCOVER SLAB Alu2	
Product thickness		mm	40	50
Reaction to fire		Euroclass	A2-s1,d0	
Acoustic absorption index	Sound absorption		NPD	
Thermal resistance	Thermal conductivity	W/m.K		
	at 10°C		0.032	0.032
	at 40°C		0.037	0.037
	at 50°C		0.038	0.038
	at 100°C		0.047	0.047
	at 120°C		0.051	0.051
	Dimensions	mm	40	50
	Tolerances		T3	T3
Water permeability	Water absorption		NPD	
Water vapour permeability	Water vapour transmission		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)	

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- (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.

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7 Declared performance/s:

Harmonised Technical Specification: BS EN 14303:2009 + A1:2013

Essential characteristics	Performance	Unit	Declared Performance	
Product name			CLIMCOVER SLAB Alu2 STANDARD	
Product thickness		mm	40	50
Reaction to fire		Euroclass	A2-s1,d0	
Acoustic absorption index	Sound absorption		NPD	
Thermal resistance	Thermal conductivity	W/m.K		
	at 10°C		0.032	0.032
	at 40°C		0.037	0.037
	at 50°C		0.038	0.038
	at 100°C		0.047	0.047
	at 120°C		0.051	0.051
	Dimensions	mm	40	50
	Tolerances		T3	T3
Water permeability	Water absorption		NPD	
Water vapour permeability	Water vapour transmission		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.
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8 Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dean O'Sullivan, Managing Director, Isover

East Leake 27/11/2024

Place and date of issue