

required pursuant Art. 11(5)

DECLARATION OF PERFORMANCE DOP n° 120210065B 2025-02-17 FOAMGLAS® READY BOARD T3+



1. Unique identification code of the product-type FOAMGLAS® READY BOARD T3+

DOP n° 120210065B 2025/02/17-ThIB-CG-EN13167-PL(P)1,5-DS(70,90)-CS(Y)500-BS450-

TR150-CC(1,5/1/50)225-WS-WL(P)-Mu

2. Identification of the construction product as required under Cellular glass - READY BOARD T3+

Art. 11(4)
3. Intended use or uses of the construction product

Thermal insulation for buildings

4. Name and contact address of the manufacturer as

PCE-Pittsburgh Corning Europe NV/SA - Albertkade 1 - B3980 Tessenderlo (B)

www.foamglas.com

DOP-compliance@owenscorning.com

5. Name of the authorised representative whose mandate covers the tasks specified in Art. 12(2)

6. System or systems AVCP as set out in Annex V

AVCP system 3

7. Harmonised standard Notified body

EN 13167 Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) /

Compressive strength -BBRI (No. 1136)

8. Declared performance

Essential characteristics

Performance

Thermal resistance	Thermal resistance (RD-value)	RD-value see table 2
	Thermal conductivity (λD-value)	λD ≤ 0.036 W/(m•K)
	Thickness	from 50 to 200 mm
Reaction to fire Euroclass characteristics	Reaction to fire	Euroclass E
Durability of thermal resistance against heat, weathering, agening/degradation	Thermal resistance (RD-value)	RD-value see table 2
	Thermal conductivity (λD-value)	$\lambda D \le 0.036 \text{ W/(m*K)}$
	Durability characteristics	Thermal conductivity of cellular glass
		products does not change with time,
		experience has shown the cell
		structure to be stable.
	Dimensional Stability	DS (70/90)
Durability of reaction to fire against heat, weathering, aging/degradation	Durability characteristics	The fire performance of cellular glass
		does not deteriorate with time.
	Dimensional Stability	DS (70/90)
Compressive strength	Compressive strength	CS ≥ 500 kPa
	Point load	PL ≤ 1,5 mm
Tensile/flexural strength	Bending Strength	BS ≥ 400 kPa
	Tensile strength parallel to faces	NPD
	Tensile strength perpendular to faces	TR ≥ 150 kPa
Durability of compressive strength against aging	Compressive creep	CC(1,5/1/50)225
Water permeability —	Water absorption (short)	WS
	Water absorption (long)	WL(P)
Water vapour permeability	Water vapour resistance	∞ infinite
Acoustic absoption index	Sound absorption	NPD
Release of dangerous substances to the indoor	Release of dangerous substances	NPD
Continous glowing combustion	Continous glowing combustion	NPD

Thermal resistance (m²K/W) Thickness (mm) Thermal resistance (m²K / W)

00	1,5	140	3,63
60	1,65	145	4,00
65	1,8	150	4,15
70	1,9	155	4,30
75	2,05	160	4,40
80	2,2	165	4,55
85	2,35	170	4,70
90	2,5	175	4,85
95	2,6	180	5,00
100	2,75	185	5,10
105	2,9	190	5,25
110	3,05	195	5,40
115	3,15	200	5,55
120	3,3		
125	3,45		
130	3,6		

9. The performance of the product is in conformity with the declared performance . 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

Nabil Boukolt, European Director Products & Systems Certifications

Tessenderlo (B), 17-02-2025 Previous version: 1-1-2022