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DECLARATION OF PERFORMANCE

DOP n° 140440065B 2025-02-17

FOAMGLAS® TAPERED T3+

OWENS CORNING FOAMGLAS®

1. Unique identification code of the product-type	FOAMGLAS® TAPERED T3+ DOP n° 140440065B 2025/02/17-ThIB-CG-EN13167-PL(P)1,5-DS(70,90)-CS(Y)500-BS450-TR150-WS-WL(P)-Mu
2. Identification of the construction product as required under Art. 11(4)	Cellular glass - TAPERED ROOF T3+
3. Intended use or uses of the construction product	Thermal insulation for buildings
4. Name and contact address of the manufacturer as required pursuant Art. 11(5)	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)	None
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	Harmonized technical specification EN 13167:2012 + A1:2015
	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 A1	
Durability of thermal resistance against heat, weathering, agening/degradation	Thermal resistance (RD-value)	RD-value see table 2	
	Thermal conductivity (λD-value)	λD ≤ 0.036 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	

Thickness (mm)	Thermal resistance (m²K / W)	Thickness (mm)	Thermal resistance (m²K / W)
50	1,35	135	3,75
55	1,5	140	3,85
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

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