DECLARATION OF PERFORMANCE

DOP n° 140410320B 2018-06-14

FOAMGLAS® PERINSUL HL

1.	Unique identification code of the product-type	**FOAMGLAS® PERINSUL HL** **DOP n° 140410320B 2018/06/14-ThIB-CG-EN13167-PL(P)1-DS(70,90)-CS(Y)2750-BS550-TR200-WS-WL(P)-CC(1,5/1/50)800-Mu**
2.	Identification of the construction product as required under Art. 11(4)	**Cellular glass - thermal break - FAB PERINSUL HL**
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 quality-compliance@foamglas.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	**EN 13167**
	Notified body	**Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) / Compressive strength -SGS Intron (No. 0958)**

8. *Table 1*

Essential characteristics	**Performance**		
Thermal resistance	Thermal resistance (RD-value)	RD-value see table 2	**EN 13167:2012 + A1:2015**
	Thermal conductivity (λD-value)	λD ≤ 0.058 W/(m•K)	
	Thickness	from 50 to 120 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)	λD ≤ 0.058 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 ≥ 2750 kPa	
	Point load	PL ≤ 1 mm	
Tensile/flexural strength	Bending Strength	BS ≥ 550 kPa	
	Tensile strength parallel to faces	NPD	
	Tensile strength perpendular to faces	TR ≥ 200 kPa	
Durability of compressive strength against aging degradation	Compressive creep	CC (1,5/1/50) 800	
Water permeability	Water absorption (short)	WS	
	Water absorption (long)	WL(P)	
Water vapour permeability	Water Vapour transmission	∞ infinite	
Acoustic absoption index	Sound absorption	AP1→NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	
Continous glowing combustion	Continous glowing combustion	no glowing combustion	

Table 2

Thickness (mm)	**Width (mm)**	**RD (mK)/W**
50	90	1,55
50	110	1,90
50	115	1,95
50	140	2,40
50	175	3,00
50	190	3,25
50	240	4,10
50	300	5,15
65	100	1,70
65	140	2,40
65	215	3,70
100	100	1,70
100	140	2,40
100	190	3,25
100	215	3,70
115	115	1,95
115	175	3,00
115	240	4,10
120	140	2,40
120	175	3,00
120	190	3,25
120	240	4,10

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 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer

Piet Vitse, European Director Norms & Standards, Product & Systems Certifications, Policy and Advocacy

Tessenderlo (B),2018.06.14

Previous version: 01.01.2017