CE

DECLARATION OF PERFORMANCE

2018-06-14

FOAMGLAS[®] PERINSUL HL

DOP n° 140410320B

FOAMGLAS

		FOAMGLAS® PERINSUL HL	
1.	Unique identification code of the product-type	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	
	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	
	Harmonised standard	EN 13167	
7.	Notified body	Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) / Compressive strength -SGS Intron (No. 0958)	

8. Table 1

	aracteristics		Performance	2	
		Thermal resistance (RD-value	2)	RD-value see table 2	
Thermal resistance		Thermal conductivity (λD-valu		λD ≤ 0.058 W/(m∙K)	
		Thickness		from 50 to 120 mm	
Reaction to [•]	fire Euroclass characteristics	Reaction to fire		Euroclass E	
		Thermal resistance (RD-value	2)	RD-value see table 2	-
		Thermal conductivity (λD-value)		λD ≤ 0.058 W/(m•K)	
	f thermal resistance against heat, agening/degradation	Durability characteristics		Thermal conductivity of cellular glass products does not change with time, experience has shown the cell structure to be stable.	Ę
		Dimensional Stability		DS (70/90)	
-	f reaction to fire against heat, aging/degradation	Durability characteristics		The fire performance of cellular glass does not deteriorate with time.	
weathering,	aging/degradation	Dimensional Stability		DS (70/90)	
Compressive strength Tensile/flexural strength		Compressive strength		CS ≥ 2750 kPa)12 + A1:2
		Point load		PL ≤ 1 mm	
		Bending Strength		BS ≥ 550 kPa	
		Tensile strength parallel to fac	ces	NPD	015
rensile/next		Tensile strength perpendular	to faces	TR ≥ 200 kPa	1
Durability of degradation	f compressive strength against aging	Compressive creep		CC (1,5/1/50) 800	
Water permeability Water vapour permeability		Water absorption (short)		WS	
		Water absorption (long) Water Vapour transmission		WL(P)	-
				∞ infinite	
	soption index	Sound absorption		AP1→NPD	
Release of dangerous substances to the indoor environment		Release of dangerous substances			
environmen	it	Release of daligerous substan	ices	NPD	
	t Iowing combustion	Continous glowing combustio		NPD no glowing combustion	
Continous gl	lowing combustion	Continous glowing combustio		no glowing combustion	
Continous gl	Iowing combustion Thickness (mm)	Continous glowing combustio Width (mm)		no glowing combustion RD (mK)/W	
Continous gl	lowing combustion Thickness (mm) 50	Continous glowing combustio Width (mm) 90		no glowing combustion RD (mK)/W 1,55	
Continous gl	Iowing combustion Thickness (mm) 50 50	Continous glowing combustio Width (mm) 90 110		RD (mK)/W 1,55 1,90	
Continous gl	Iowing combustion Thickness (mm) 50 50 50 50 50	Continous glowing combustio Width (mm) 90 110 115		RD (mK)/W 1,55 1,90 1,95	
Continous gl	Iowing combustion Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50	Continous glowing combustio Width (mm) 90 110 115 140		RD (mK)/W 1,55 1,90 1,95 2,40	
Continous gl	Iowing combustion Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50	Continous glowing combustio Width (mm) 90 110 115 140 175		RD (mK)/W 1,55 1,90 1,95 2,40 3,00	
	Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	Width (mm) 90 110 115 140 175 190		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25	
Continous gl	Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	Width (mm) 90 110 115 140 175 190 240		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10	
Continous gl	Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	Width (mm) 90 110 115 140 175 190 240 300		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15	
Continous gl	Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	Continous glowing combustion Width (mm) 90 110 115 140 175 190 240 300 100		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40	
Continous gl	Thickness (mm) Image: mail of the second	Width (mm) 90 110 115 140 175 190 240 300 100 140 215		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 175 190 240 300 100 140 100 140 100 140 215 100		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 3,70 1,70	
Continous gl	Thickness (mm) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 65 65 65 65 100 100	Width (mm) 90 110 115 140 175 190 240 300 100 140 100 140 100 140 100 140 140 140 100 140 215 100 140		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 175 190 240 300 100 140 190 190 100 140 215 100 140 190		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 100 140 190 240 300 100 140 215 100 140 215		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 3,70 3,70	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 175 190 240 300 100 140 215 100 140 215 100 140 115		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,25 3,70 1,95	
Continous gl	Thickness (mm) Image: model of the second of t	Width (mm) 90 110 115 140 175 190 240 300 100 140 100 140 215 100 140 115 110 115 110 115 100 140 215 100 140 115 115 115 115 115 115 175		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 3,70 3,70 1,95 3,00	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 190 240 300 100 140 215 100 140 215 115 175 240 200		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,25 3,00 4,10	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 100 140 215 100 140 175 100 140 115 100 140 15 100 140 190 215 100 140 190 215 115 115 115 140 140		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,25 3,70 1,95 3,00 4,10 2,40	
Continous gl	Thickness (mm) Image: mail of the second secon	Width (mm) 90 110 115 140 175 190 240 300 100 140 190 240 300 100 140 215 100 140 215 115 175 240 200		RD (mK)/W 1,55 1,90 1,95 2,40 3,00 3,25 4,10 5,15 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,70 1,70 2,40 3,25 3,00 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