DECLARATION OF PERFORMANCE

DOP n° 100010042A 2018-01-01

FOAMGLAS®Flat packed HLB 1200

1.	Unique identification code of the product-type	**FOAMGLAS®Flat packed HLB 1200** **DOP n° 100010042A 2018/01/01-ThBeli- CG-EN14305-ST(+)430-ST(-)(-265)-PL(P)1-DS(TH)-CS(Y)1200-BS550-TR200-WS-WL(P)-CL2-Mu**
2.	Identification of the construction product as required under Art. 11(4)	**Flat packed HLB 1200 Cellular glass - slabs**
3.	Intended use or uses of the construction product	**Thermal insulation for industrial installations & Building Equipment**
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 14305**
	Notified body	**Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) / Compressive strength -BBRI (No. 1136)**

8. *Table 1*

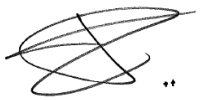
Essential characteristics	**Performance**		
Thermal resistance	Thermal conductivity (λD-value)	λD-value see table 2	EN 14305: 2009+A1:2013
	Thickness	from 40 to 180 mm	
Reaction to fire Euroclass characteristics	Reaction to fire	Euroclass A1	
Durability of thermal resistance against heat, weathering, agening/degradation	Thermal conductivity (λD-value)	λD-value see table 2	
	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 ≥ 1200 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	-	
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	
Min / Max Temperature range	Min / Max Temperature range	-265°C / +430°C	
Trace quantities of water soluble chloride	Trace quantities of water soluble chloride	≤ 2 mg/kg	
pH	pH	8-10	
Continous glowing combustion	Continous glowing combustion	no glowing combustion	

Table 2

Thermal conductivity -180°C	λD ≤ 0.026 W/(m•K)
Thermal conductivity -150°C	λD ≤ 0.028 W/(m•K)
Thermal conductivity -120°C	λD ≤ 0.031 W/(m•K)
Thermal conductivity -80°C	λD ≤ 0.035 W/(m•K)
Thermal conductivity -40°C	λD ≤ 0.040 W/(m•K)
Thermal conductivity 0°C	λD ≤ 0.046 W/(m•K)
Thermal conductivity +40°C	λD ≤ 0.053 W/(m•K)
Thermal conductivity -+80°C	λD ≤ 0.060 W/(m•K)
Thermal conductivity +120°C	λD ≤ 0.068 W/(m•K)
Thermal conductivity +180°C	λD ≤ 0.082 W/(m•K)
Thermal conductivity +240°C	λD ≤ 0.097 W/(m•K)
Thermal conductivity +300°C	λD ≤ 0.114 W/(m•K)

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), 01.01.2018 Previous version: 01.01.2017