



DECLARATION OF PERFORMANCE  
DOP n° 140410320B 2025-02-17  
FOAMGLAS® PERINSUL HL



1. Unique identification code of the product-type	FOAMGLAS® PERINSUL HL DOP n° 140410320B ETA 18/0636
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 PCE-Pittsburgh Corning Europe NV/SA - Albertkade 1 - B3980 Tessenderlo (B) www.foamglas.com
4. Name and contact address of the manufacturer as required pursuant Art. 11(5)	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 2+
7. Notified body	Thermal conductivity - BBRI (No. 1136) & FIW (No. 751) / Fire reaction - WFGRT (No. 1173) / Compressive strength - BCCA (No. 0749)

8. Declared performance		EAD 170018-00-0305
Essential characteristics	Performance	
BWR 1 "Mechanical resistance and stability"		
Compressive strength as part of masonry with a layer made out of thermally-insulating and load-bearing units made of cellular glass	See ETA	
Shear strength as part of masonry with a layer made out of thermally-insulating and load-bearing units made of cellular glass	See ETA	
Compressive strength and normalised compressive strength of thermally-insulating and load-bearing units made of cellular glass		
mean compressive strength	2,9 N/mm²	
Individual minimum compressive strength	2,32 N/mm²	
Creep – long term behaviour - total deformation	1 mm	
Eccentric loading behaviour	See ETA	
Long term compressive strength	1,4 N/mm²	
Safety in case of fire (BWR2)		
Reaction to fire	Euroclass E	
Propensity to undergo continuous smouldering	NPA	
Hygiene, health and the environment (BWR3)		
Dimensional stability at specified temperature and humidity	DS(70,90) ( $\Delta\epsilon_l \leq 0,5 \%$ , $\Delta\epsilon_b \leq 0,5 \%$ , $\Delta\epsilon_d \leq 1 \%$ )	
Water absorption by immersion – long term	WIp $\leq 0,5$ kg/m²	
Water absorption by capillarity	$\leq 0,3$ g/m²s	
Water vapour resistance	$\mu = \text{infinite } (\infty)$	
Release of dangerous substances	NPA	
Tolerance		
Geometry (length, width, thickness, plane parallelism, squareness and flatness)		
Length	$\pm 2$ mm	
Width (mm)	$\pm 3$ mm	
Height	$\pm 3$ mm	
Plane parallelism of the bed faces	NPA	
Squareness	Sl,b $\leq 6$ mm/m Sd $\leq 2$ mm	
Flatness of the bed faces	Smax $\leq 2$ mm	
density	200 kg/m³ ( $\pm 15 \%$ )	
Thickness of liner	$\leq 0,5$ mm	
Protection against noise (BWR5)		
Sound insulation	NPA	
Energy economy and heat retention (BWR6)		
Thermal insulation	$\lambda_D \leq 0,068$ W/mK	
Thermal linear transmittance	See ETA	
Durability	NPA	

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: 1-3-2024