

Declaration of Performance No.4/PINOSKLO/2017



1. Unique identification code of product type:	PINOSKLO 34560391
2. Identification of the construction product	Cellular Glass, CG Thermal insulation products from cellular glass PINOSKLO
3. Intended application or applications:	Thermal insulation in buildings
4. Manufacturer:	LLC "NPP Technologiya" 1, Gagarina str., 41100 Shostka, Ukraine info@pinosklo.com, www.pinosklo.com
5. Authorized representative:	Not applicable
6. System of AVCP as set out in Annex V:	AVCP System 3
7. Harmonized Standard	EN 13167:2012+A1:2015
8. Notified unit:	Building Research Institute № ID 1488

Table of Declared Properties:

Essential characteristics	Performance		Harmonised technical specification
Thermal resistance	Thermal resistance (R_D)	See table R_D	EN 13167:2012+A1:2015
	Thermal conductivity (λ_D)	$\lambda_D \leq 0,054 \text{ W/m}^*K$	
	Thickness d_N	From 30 mm to 140 mm	
Reaction to fire	Reaction to fire	A1	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance (R_D)	See table of thermal resistance	
	Thermal conductivity (λ_D)	$\lambda_D \leq 0,054 \text{ W/m}^*K$	
	Durability characteristics	Thermal conductivity of cellular glass products does not change with time	
	Dimensional stability	DS (70/90)	
Compressive strength	Compressive strength	CS(Y)700	
	Point load	PL(P)1.5	
Tensile/Flexural strength	Bending strength	BS400	
	Tensile strength parallel to faces	TP100	
	Tensile strength perpendicular to faces	TR120	
Durability of compressive strength against ageing/degradation	Compressive creep	CC(1/0.5/10)160	
Water permeability	Short term water absorption	WS	
	Long term water absorption	WL(P)	
Water vapor permeability	Water vapor resistance	Vapor tight	
Acoustic absorption index	Sound absorption	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	

*NPD – No Performance Determined

Table of Thermal Resistance R_D :

Thickness d_N (mm)	Thermal resistance ($\text{m}^2 \cdot K/W$)	Thickness d_N (mm)	Thermal resistance ($\text{m}^2 \cdot K/W$)
30	0.55	90	1.65
40	0.70	100	1.85
50	0.90	110	2.00
60	1.10	120	2.20
70	1.25	130	2.40
80	1.45	140	2.55

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 in point 6.

On behalf of the manufacturer signed:

Nevedomsky Yuri Director
 Kyiv, Ukraine 10/11/2017