



## DECLARATION OF PERFORMANCE

Nro. DoP23FI300

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FI300/(Thickness).
2. **Allowing identification of the construction product:** See product label.
3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the web site [www.finnfoam.es](http://www.finnfoam.es).

4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam SL  
Lugar O Cerquido 40-A Budiño  
Salceda de Caselas (Pontevedra), Spain  
Tel. 0034 986 34 34 21 info@finnfoam.es

6. **System of attestation of conformity:** System 3

7. **Declaration of performance concerning a construction product covered by a harmonized standard:**

Tecnalia Research and Innovation (NB. 1292) and CENTRO DE ENSAYOS INNOVACION Y SERVICIOS (CEIS) (NB. 1722) Itecons (NB. 2211) performed initial type testing under system 3 and issued test/calculation reports.



8. Declared performance:

Essential characteristics	Performance			Harmonised technical specification
Thermal resistance	Thickness tolerance	T1		
	Thickness (mm)	Thermal conductivity $\lambda_D$	Thermal resistance $R_D$	
	30	0,033	0,90	
	35	0,034	1,05	
	40	0,034	1,20	
	50	0,034	1,50	
	60	0,034	1,80	
	70	0,034	2,05	
	80	0,034	2,35	
	100	0,034	2,95	
120	0,036	3,30		
Reaction to fire	Reaction to fire	E		EN 13164:2012 + A1:2015
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	NPD		
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance $R_D$ and thermal conductivity $\lambda_D$	No change		
	Durability characteristics	DS(70,90)		
Compressive strength	Compressive stress or compressive strength	Thickness (mm)	CS(10\Y)	
		30	CS(10\Y)250	
		35	CS(10\Y)250	
		40	CS(10\Y)250	
		50	CS(10\Y)300	
		60	CS(10\Y)300	
		70	CS(10\Y)300	
		80	CS(10\Y)300	
		100	CS(10\Y)300	
	120	CS(10\Y)300		
	Deformation under specified compressive load and temperature conditions	DLT(2)5		
Tensile/ Flexural/ Shear strength	Bending strength	NPD		

	Tensile strength perpendicular to faces	NPD
	Shear strength	NPD
<b>Durability of compressive strength against ageing and degradation</b>	Compressive creep	NPD
	Cyclic loading	NPD
	Freeze-thaw resistance	NPD
<b>Water permeability</b>	Long term water absorption after total immersion	WL(T)0,7
	Long term water absorption after diffusion	NPD
<b>Water vapour permeability</b>	Water vapour transmission $\mu$	NPD
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances	No releases
<b>Continous glowing combustion</b>	Continous glowing combustion	NPD

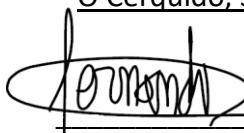
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Fernando Álvarez Sömme, General Manager

O Cerquido, Salceda de Caselas (Pontevedra)- Spain 01/02/2023

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 (signature)