DECLARATION OF PERFORMANCE

Nro. DoP21FK300

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FK300/(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.

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 98634 34 21

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		EN 13164:2012 + A1:2015
	Thickness (mm)	Thermal conductivity λ_D	Thermal resistance R_D	
	30	0,033	0,90	
	35	0,034	1,05	
	40	0,034	1,20	
	50	0,034	1,80	
	60	0,034	1,75	
	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		
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 λ_D	No change		
	Durability characteristics	DS(70,90)		
Compressive strength	Compressive stress or compressive strength	Thickness (mm)	CS(10\Y)	
		30	CS(10\Y)200	
		35	CS(10\Y)200	
		40	CS(10\Y)200	
		50	CS(10\Y)250	
		60	CS(10\Y)250	
		70	CS(10\Y)250	
		80	CS(10\Y)250	
		100	CS(10\Y)250	
		120	CS(10\Y)250	
	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	
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
	Cyclic loading	NPD	
	Freeze-thaw resistance	NPD	
Water permeability	Long term water absorption after total immersion	WL(T)0,7	
	Long term water absorption after diffusion	NPD	
Water vapour permeability	Water vapour transmission μ	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	No releases	
Continous glowing combustion	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 01/03/2021

(signature)

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