DECLARATION OF PERFORMANCE

Nro. 004-FF-2025-05-08

1. **Unique identification code of the product-type:**
   Extruded polystyrene (XPS) Finnfoam FI500, FL500

2. **Allowing identification of the construction product:**
   See product label

3. **Intended uses of the construction product:**
   Thermal insulation for buildings

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

Finnfoam Oy (3156678-7)
Satamakatu 5
24100 Salo, Finland
Tel. +358 2 777 300
Fax: +358 2 777 3020
Email: finnfoam@finnfoam.fi

5. **System of attestation of conformity:**
   AVCP 4 for reaction to fire and AVCP 3 for other characteristics

6. **Declaration of performance concerning a construction product covered by a harmonized standard:**
   Eurofins Expert Services (NB. 0809) and Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) have performed initial type testing under system 3 and issued test/calculation reports.

7. 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	
	50	0,035	1,45	
	60	0,035	1,70	
	70	0,035	2,00	
	80	0,036	2,20	
	100	0,037	2,70	
	120	0,038	3,15	
Reaction to fire	Reaction to fire	NPD		
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	No change		
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	CS(10\Y)400		
	Deformation under specified compressive load and temperature conditions	NPD		
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	CC(3,0/2,0/50)210		
	Cyclic loading	NPD		

	Freeze-thaw resistance	FTCD1	
Water permeability	Long term water absorption after total immersion	WL(T)0,7	
	Long term water absorption after diffusion	WD(V)2	
Water vapour permeability	Water vapour diffusion resistance factor μ	150	
Release of dangerous substances to the indoor environment	Release of dangerous substances	No releases	
Continous glowing combustion	Continous glowing combustion	NPD	

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.
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:

Henri Nieminen, CEO

Salo 8.5.2025

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(signature)