DECLARATION OF PERFORMANCE

Nro. 003-FFL-2024-01-03

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FI400, FI400P, FI400 DRAIN, FL400, FL400P.

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.lt.

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

UAB Finnfoam (300642584)
Kokybės str. 5, Biruliškės
LT-54469, Kaunas reg., Lithuania
Tel. +370 37 403800
Email: info@finnfoam.lt

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

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

   VTT Expert Services (NB. 0809) and Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) 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	
	40	0,035	1,15	
	50	0,035	1,45	
	60	0,035	1,70	
	70	0,037	1,90	
	80	0,037	2,15	
	100	0,037	2,70	
	120	0,037	3,25	
	150	0,037	4,05	
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	Copressive 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(2/1,5/50)180		
	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)1		

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.

Safety data sheet: https://finnfoam.lt/projektavimas/saugos-duomenu-lapas/

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 3.1.2024



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(signature)