



DECLARATION OF PERFORMANCE

Nro. 006-FFL-2021-09-02

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS)
Finnfoam FI300, FI300P, FI300 XX, FI300P XX, FL300, FL300P, FL300 XX, FL300P XX.
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	
	100	0,033	3,00	
	120	0,035	3,40	
Reaction to fire	Reaction to fire	F		
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)300		
	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)130		
	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 transmission μ	NPD		
Release of dangerous substances to the indoor environment	Release of dangerous substances	No releases		

Continuous glowing combustion	Continuous 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 2.9.2021



(signature)