

DECLARATION OF PERFORMANCE

Nro. 012-FFL-2018-04-26

1. **Unique identification code of the product-type:** Expanded polystyrene FF-EPS 80.
2. **Allowing identification of the construction product:** FF-EPS 80
3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the website www.finnfoam.lt.
4. **Name, registered trade name and contact address of the manufacturer:**

UAB Finnfoam (300642584)
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LT-54469, Kaunas reg., Lithuania
Tel. +370 37 403800
[e-mail: info@finnfoam.lt](mailto:info@finnfoam.lt)
6. **System of attestation of conformity:** AVCP 3.
7. **Declaration of performance concerning a construction product covered by a harmonized standard:** Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) performed initial type testing under system 3 and issued test/calculation reports.

The logo consists of the letters 'FF' in a bold, italicized, yellow font with a grey outline, followed by a hyphen and the letters 'EPS' in a bold, grey font.

9. Declared performance:

Essential characteristics	Performance		Harmonised technical specification
Reaction to fire	Euroclass	E	EN 13163:2012
Water permeability	Water absorption	WL(T)3	
Release of dangerous substances to the indoor environment*	Release of dangerous substances		
Thermal resistance	Thermal conductivity λ_D W/(mK)	0,031	
	Thickness tolerance	T2	
	Thickness (mm)	Thermal resistance R (m ² K)/W	
	50	1,60	
	100	3,20	
	150	4,85	
	180	5,80	
	200	6,45	
	250	8,05	
	300	9,65	
Water vapour permeability	Resistance to water vapor permeability μ	30-40	
Compressive strength	Compressive stress at 10% deformation	80 kPa	
	Deformation under specified compressive load and temperature conditions	NPD	
Tensile/ Flexural/ Shear strength	Bending strength	125 kPa	
	Tensile strength perpendicular to faces	NPD	
	Shear strength	NPD	
Dimensional stability under specified temperature and humidity conditions	48 h, 70 °C, 90% R.H	DS(70,90)1	

Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	No change	
Durability of thermal resistance against heat, weathering, ageing/degradation	Durability characteristics	No change	
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
	Freeze-thaw resistance	NPD	

* Test method is not yet in the product standard.

NPD = No Performance Determined

Safety data sheet: <http://www.finnfoam.lt/finnfoam/sveikata-ir-sauga/saugos-duomenu-lapas/>

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Kaunas 26.04.2018



(signature)

FF-EPS