

DECLARATION OF PERFORMANCE

Nro. 013-FFL-2018-04-26

- 1. Unique identification code of the product-type:** Expanded polystyrene FF-EPS 100.
- 2. Allowing identification of the construction product:** FF-EPS 100
- 3. Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the website www.finfoam.lt.
- 4. Name, registered trade name and contact address of the manufacturer:**

UAB Finnfoam (300642584)
Kokybės str. 5, Biruliškės v.,
LT-54469, Kaunas reg., Lithuania
Tel. +370 37 403800
e-mail: info@finfoam.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	Water vapour transmission μ	30-70	
Compressive strength	Compressive stress at 10% deformation	100 kPa	
	Deformation under specified compressive load and temperature conditions	NPD	
Tensile/ Flexural/ Shear strength	Bending strength	150 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	Durability characteristics	No change	

fire against heat, weathering, ageing/degradation			
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)