

## DECLARATION OF PERFORMANCE

Nro. 046-CPR-2013-10-18

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FI500-80
2. **Allowing identification of the construction product:** EAN-Code: 64 18711 15080 0
3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the web site [www.finnfoam.fi](http://www.finnfoam.fi).
4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam Oy (0689386-6)

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24100 Salo, Finland

Tel. +358 2 777 300

Fax: +358 2 777 3020

Email: [finnfoam@finnfoam.fi](mailto:finnfoam@finnfoam.fi)

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

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9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	E	EN 13164:2012 EN 14934:2007
Long term water absorption by total immersion	WL(T)0,7	
Long term water absorption by diffusion	WD(V)1	
Release of dangerous substances	No releases	
Thermal resistance $R_D$ (m <sup>2</sup> K)/W	2,15	
Thermal conductivity $\lambda_D$ W/(mK)	0,037	
Thickness	T1	
Water vapour transmission	NPD	
Compressive strength	CS(10/Y)400	
Compressive strength	CS(5\Y)400	
Tensile strength	NPD	
Dimensional stability	DS(70,90)	
Freeze-thaw resistance	FTCD1	
Compressive creep	CC(2/1,5/50)225	
Cyclic loading	CLRT(2,2/2x10 <sup>6</sup> )225	

Safety data sheet: [www.finnfoam.fi/kayttoturvallisuustiedote](http://www.finnfoam.fi/kayttoturvallisuustiedote)

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 18.10.2013



(signature)

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