

DECLARATION OF PERFORMANCE

Nro. 046-FF-2014-04-14

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.

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

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Satamakatu 5
24100 Salo, Finland
Tel. +358 2 777 300
Fax: +358 2 777 3020
Email: 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 ² K)/W	2,15	
Thermal conductivity λ_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 ⁶)225	

Safety data sheet: www.finnfoam.fi/kayttoturvallisuustiedote

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 14.4.2014



(signature)

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