

DECLARATION OF PERFORMANCE

Nro. 045-FF-2013-10-18

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FI500-70
2. **Allowing identification of the construction product:** EAN-Code: 64 18711 15070 1
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 | 1,90 | |
| 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 18.10.2013



(signature)

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