



## DECLARATION OF PERFORMANCE

Nro. DoP22FK300

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FK300/(Thickness).
2. **Allowing identification of the construction product:** See product label.
3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the web site [www.finnfoam.es](http://www.finnfoam.es).

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

Finnfoam SL  
Lugar O Cerquido 40-A Budiño  
Salceda de Caselas (Pontevedra), Spain  
Tel. 0034 98634 34 21

6. **System of attestation of conformity:** System 3

7. **Declaration of performance concerning a construction product covered by a harmonized standard:**

Tecnalia Research and Innovation (NB. 1292) and CENTRO DE ENSAYOS INNOVACION Y SERVICIOS (CEIS) (NB. 1722) Itecons (NB. 2211) performed initial type testing under system 3 and issued test/calculation reports.



# 8. Declared performance:

| Essential characteristics                                                      | Performance                                                             |                                  |                          | Harmonised technical specification |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|--------------------------|------------------------------------|
| Thermal resistance                                                             | Thickness tolerance                                                     | T1                               |                          | EN 13164:2012 + A1:2015            |
|                                                                                | Thickness (mm)                                                          | Thermal conductivity $\lambda_D$ | Thermal resistance $R_D$ |                                    |
|                                                                                | 30                                                                      | 0,033                            | 0,90                     |                                    |
|                                                                                | 35                                                                      | 0,034                            | 1,05                     |                                    |
|                                                                                | 40                                                                      | 0,034                            | 1,20                     |                                    |
|                                                                                | 50                                                                      | 0,034                            | 1,80                     |                                    |
|                                                                                | 60                                                                      | 0,034                            | 1,75                     |                                    |
|                                                                                | 70                                                                      | 0,034                            | 2,05                     |                                    |
|                                                                                | 80                                                                      | 0,034                            | 2,35                     |                                    |
|                                                                                | 100                                                                     | 0,034                            | 2,95                     |                                    |
|                                                                                | 120                                                                     | 0,036                            | 3,30                     |                                    |
| Reaction to fire                                                               | Reaction to fire                                                        | E                                |                          |                                    |
| Durability of reaction to fire against heat, weathering, ageing/degradation    | Durability characteristics                                              | NPD                              |                          |                                    |
| Durability of thermal resistance against heat, weathering, ageing/ degradation | Thermal resistance $R_D$ and thermal conductivity $\lambda_D$           | No change                        |                          |                                    |
|                                                                                | Durability characteristics                                              | DS(70,90)                        |                          |                                    |
| Compressive strength                                                           | Compressive stress or compressive strength                              | Thickness (mm)                   | CS(10\Y)                 |                                    |
|                                                                                |                                                                         | 30                               | CS(10\Y)200              |                                    |
|                                                                                |                                                                         | 35                               | CS(10\Y)200              |                                    |
|                                                                                |                                                                         | 40                               | CS(10\Y)200              |                                    |
|                                                                                |                                                                         | 50                               | CS(10\Y)250              |                                    |
|                                                                                |                                                                         | 60                               | CS(10\Y)250              |                                    |
|                                                                                |                                                                         | 70                               | CS(10\Y)250              |                                    |
|                                                                                |                                                                         | 80                               | CS(10\Y)250              |                                    |
|                                                                                |                                                                         | 100                              | CS(10\Y)250              |                                    |
|                                                                                |                                                                         | 120                              | CS(10\Y)250              |                                    |
|                                                                                | Deformation under specified compressive load and temperature conditions | DLT(2)5                          |                          |                                    |
| Tensile/ Flexural/ Shear strength                                              | Bending strength                                                        | NPD                              |                          |                                    |

|                                                                          |                                                  |             |  |
|--------------------------------------------------------------------------|--------------------------------------------------|-------------|--|
|                                                                          | Tensile strength perpendicular to faces          | NPD         |  |
|                                                                          | Shear strength                                   | NPD         |  |
| <b>Durability of compressive strength against ageing and degradation</b> | Compressive creep                                | NPD         |  |
|                                                                          | Cyclic loading                                   | NPD         |  |
|                                                                          | Freeze-thaw resistance                           | NPD         |  |
| <b>Water permeability</b>                                                | Long term water absorption after total immersion | WL(T)0,7    |  |
|                                                                          | Long term water absorption after diffusion       | NPD         |  |
| <b>Water vapour permeability</b>                                         | Water vapour transmission $\mu$                  | NPD         |  |
| <b>Release of dangerous substances to the indoor environment</b>         | Release of dangerous substances                  | No releases |  |
| <b>Continuous glowing combustion</b>                                     | Continuous glowing combustion                    | NPD         |  |

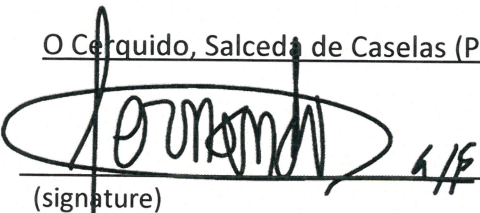
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Fernando Álvarez Sömme, General Manager

O Cerquido, Salceda de Caselas (Pontevedra)- Spain 01/03/2022

  
(signature)

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