

# Declaration of Performance



## DoP Number:

|  |   |
|--|---|
| 1 Unique identification code of the product-type:  | <b>GR-1029-003</b>                                    |
| 2 Identification of the construction product as required under Article 11(4) of the regulation n° 305/2011/EU:   | <b>XPS-EN 13164-T1-CS(10/Y)300-DS(70,90)</b>          |
| 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:   | FIBRANxps INCLINE<br>Thermal insulation for buildings |
| 4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of the regulation n° 305/2011/EU:   | FIBRAN S.A. 56010, Thessaloniki, Greece               |
| 5 Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of the regulation n° 305/2011/EU:  | Not applicable  |
| 6 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of the Regulation n° 305/2011/EU:   | AVCP - System 3                                       |
| 7 Notified Certification bodies FIW (Forschungsinstitut für Wärmeschutz e.v München) N° 0751 and TUV Hellas (Tüv Nord Group) N° 0654 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control. | Not applicable  |

## 8 Declared performance according to harmonized standard:

EN 13164:2012+A1:2015

| Essential characteristics   | Performance  | Unit                       | Declared performance |
|---|--|----------------------------|----------------------|
| Thermal Resistance  | Thickness  | $d_N$ [mm]                 | -                    |
|   | Thickness Class  | T                          | T1                   |
|   | Thermal Resistance   | $R_D$ [m <sup>2</sup> K/W] | NPD                  |
|   | Thermal Conductivity   | $\lambda_D$ [W/m K]        | 0,034                |
| Reaction to fire  | Reaction to fire   | Euroclass                  | E                    |
| Release of Dangerous Substances   | Release of Dangerous Substances  |                            | NPD                  |
| Acoustic absorption index   | Sound absorption   | AW                         | NPD                  |
| Continuous glowing combustion   | Continuous glowing combustion  |                            | NPD                  |
| Water Permeability  | Long term water absorption by total immersion                              | WL(T) [vol.%]              | NPD                  |
|   | Long term water absorption by diffusion                                    | WD(V) [vol.%]              | NPD                  |
| Water vapour permeability   | Water vapor diffusion resistance factor                                    | MU                         | NPD                  |
| Compressive strength  | Compressive stress or compressive strength                                 | CS(10/Y) [kPa]             | 300                  |
| Tensile/Flexural strength   | Tensile Strength perpendicular to faces                                    | TR [kPa]                   | NPD                  |
| Durability of reaction to fire against heat, weathering, ageing/degradation     | Reaction to fire   | Euroclass                  | E                    |
| Durability of thermal resistance against heat, weathering, ageing/degradation   | Thermal Resistance   | $R_D$ [m <sup>2</sup> K/W] | NPD                  |
|   | Thermal Conductivity   | $\lambda_D$ [W/m K]        | 0,034                |
|   | Freeze-thaw resistance after long term water diffusion test                | FTCD                       | NPD                  |
|   | Freeze/thaw resistance after long term water absorption by total immersion | FTCI                       | NPD                  |
|   | Dimensional stability under specified temperature and humidity conditions  | DS(70,90)                  | <5%                  |
|   | Deformation under specified compressive load and temperature conditions    | DLT                        | NPD                  |
| Durability of compressive strength against heat, weathering, ageing/degradation | Compressive creep  | CC (2/1,5/50)              | NPD                  |

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

|                    |      |      |      |      |   |   |
|--------------------|------|------|------|------|---|---|
| Thickness          | 70   | 80   | 90   | 100  | - | - |
| Thermal Resistance | 2,05 | 2,35 | 2,60 | 2,90 | - | - |

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

Name Stella Chadiarakou  
 Function Quality Assurance Manager  
 Place Thessaloniki  
 Date 20/05/2020  
 Signature

This product does not contain Hexabromocyclodecane (declaration according to CPR requirement Article 6 Paragraph 5)