

Declaration of Performance



DoP Number

- | | |
|--|---|
| 1 Unique identification code of the product-type | EN-1044-005 |
| 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR | FIBRANxps 700 700 120 |
| 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer | Thermal insulation for buildings XPS-EN 13164-T1-CS(10Y)700-DS(TH)-WL(T)0,7-WD(V)3 |
| 4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) | FIBRAN Bulgaria S.A. 100 Tutrakan Blvd., Ruse, Bulgaria |
| 5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) | not relevant |
| 6 System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V. | AVCP - System 3 |
| 7 In case of the declaration of performance concerning a construction product covered by a harmonised standard (Name and identification number of the notified body, if relevant). | FIW No. 0751 |

Harmonised standard

EN 13164:2012 +A1:2015

8 Declared performance

| Essential characteristics | Performance | Unit | Declared performance |
|---|--|-------------------------|----------------------|
| Thermal Resistance | Thickness | d_N [mm] | 120 |
| | Thickness Class | T | T1 |
| | Thermal Resistance | R_D [$m^2 K/W$] | 3,30 |
| | Thermal Conductivity | λ_D [$W/m K$] | 0,036 |
| Reaction to fire | Reaction to fire | Euroclass | E |
| Release of Dangerous Substances | Release of Dangerous Substances | | NPD |
| Continuous glowing combustion | Continuous glowing combustion | | NPD |
| Water Permeability | long term water absorption by total immersion | WL(T) [vol.%] | <0,7 |
| | long term water absorption by diffusion | WD(V) [vol.%] | <3 |
| Water vapour permeability | Water vapor diffusion resistance factor | MU | 150 |
| Compressive strength | Compressive stress or compressive strength | CS(10/Y) [kPa] | 700 |
| 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 [$m^2 K/W$] | 3,30 |
| | Thermal Conductivity | λ_D [$W/m K$] | 0,036 |
| | 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 | 5 |
| Durability of compressive strength against heat, weathering, ageing/degradation | Deformation under specified compressive load | DLT | 5 |
| | Compressive creep | CC (2/1,5/50) | NPD |

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

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|---------------------|------|
| Thickness | 120 |
| R_D [$m^2 K/W$] | 3,30 |

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|-----------|---------------------------|
| Name | Boris Radulov |
| Function | Deputy Executive Director |
| Place | Sofia, Bulgaria |
| Date | 01.04.2021 |
| Signature | |

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