

Declaration of Performance



DoP Number

- | | |
|--|---|
| 1 Unique identification code of the product-type | EN-1042-005 |
| 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 500
500 140 |
| 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)500-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]	140
	Thickness Class	T	T1
	Thermal Resistance	R_D [$m^2 K/W$]	3,65
	Thermal Conductivity	λ_D [$W/m K$]	0,038
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]	500
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 [$m^2 K/W$]	3,65
	Thermal Conductivity	λ_D [$W/m K$]	0,038
	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.

Thickness	140
R_D [$m^2 K/W$]	3,65

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)