

Declaration of Performance



DoP Number

- 1 Unique identification code of the product-type
- 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
- 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

EN-1025-005

FIBRANxps MAESTRO

MAESTRO 60 - 100

Thermal insulation for buildings

XPS-EN 13164-T1-CS(10/Y)300-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]	60-100
	Thickness Class	T	T1
	Thermal Resistance	R_D [m ² K/W]	see below table
	Thermal Conductivity	λ_D [W/m K]	0,035
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	50
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 ² K/W]	see below table
	Thermal Conductivity	λ_D [W/m K]	0,035
	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	NPD
	Deformation under specified compressive load	DLT	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	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	60	70	80	90	100
R_D [m ² K/W]	1,70	2,00	2,25	2,55	2,85

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)