Declaration of Performance

DoP Number: **GR-1001-003**

1 Unique identification code of the product-type: **XPS-EN 13164-T1-CS(10\Y)200-DS(70,90)-WL(T)0,7-WD(V)3**

2 Identification of the construction product as required under Article 11(4) of the regulation n° 305/2011/EU: FIBRANxps MAESTRO 40

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

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 (Forschunginstitut 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]	40
	Thickness Class	T	T1
	Thermal Resistance	R_D [m² K/W]	1,20
	Thermal Conductivity	λ_D [W/m K]	0,033
Reaction to fire	Reaction to fire	Euroclass	E
Realease of Dangerous Substances	Realease of Dangerous Substances		NPD
Acoustic absorption index	Sound absorption	AW	NPD
Continous glowing combustion	Continous 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]	200
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 [m² K/W]	1,20
	Thermal Conductivity	λ_D [W/m K]	0,033
	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	20	25	30	40	50	60
Thermal Resistance	0,60	0,75	0,90	1,20	1,50	1,80

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 contains Hexabromocyclodecane (declaration according to CPR requirement Article 6 Paragraph 5)