Declaration of Performance

DoP Number:	**GR-1007-004**
1 Unique identification code of the product-type:	**FIBRANxps 300 70-100**
2 Identification of the construction product as required under Article 11(4) of the regulation n° 305/2011/EU:	XPS-EN 13164-T1-CS(10\Y)300-DS(70,90)-WL(T)0,7-WD(V)3-FTCD1
3 Intended use/es:	Thermal insulation for buildings
4 Manufacturer:	FIBRAN S.A. 56010, Thessaloniki, Greece
5 Systems/s of AVCP:	AVCP - System 3
6 Harmonised standard:	EN 13164:2012+A1:2015
Notified bodies:	Notified Certification bodies FIW (Forschunginstitut für Wärmeschutz e.v München) N° 0751 and MPA (Materialprüfanstalt fün das Bauwesen Hannover) N° 0764 performed, carried out the determination of the initial product type.

7 Declared performance:

Essential characteristics	Performance	Unit	Declared performance
Thermal Resistance	Thickness	d_N [mm]	70 - 100
	Thickness Class	T	T1
	Thermal Resistance	R_D [m² K/W]	see below table
	Thermal Conductivity	λ_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
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	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 [m² K/W]	see below table
	Thermal Conductivity	λ_D [W/m K]	0,034
	Freeze-thaw resistance after long term water diffusion test	FTCD	1
	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

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

8 Suitable technical justification and/or specific technical justification:
The performance of the product identified above is in conformity with the declared values. The declaration of these values is issued, according to EU Regulation 305/2011, under the sole responsibility of the manufacturer.

Name	Stella Chadiarakou
Function	Quality Assurance Manager
Place	Thessaloniki
Date	14/04/2022
Signature	

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