## **Declaration of Performance**





DoP Number: GR-2025-004

1 Unique identification code of the product-type:

MW-EN 13162-T4-WS-WL(P)-MU1-AW1-AFr50

 $2\ \ Identification\ of\ the\ construction\ product\ as\ required\ under\ Article\ 11(4)\ of\ the\ regulation\ n^\circ\ 305/2011/EU:$ 

FIBRANgeo B-570

3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Thermal Insulation of Building (ThIB)

 $4\ Name, registered\ trade\ name\ or\ registered\ trade\ mark\ and\ contact\ address\ of\ the\ manufacturer\ as\ required\ under\ Article\ 11(5)\ of\ the\ regulation\ n^{\circ}$ 305/2011/EU:

FIBRAN S.A., Terpni, 62200, Serres, Greece

 $5\ \ Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of the regulation <math>n^{\circ}$ 305/2011/EU:

Not applicable

 $6\ \ System\ or\ systems\ of\ assessment\ and\ verification\ of\ constancy\ of\ performance\ of\ the\ construction\ product\ as\ set\ out\ in\ Annex\ V\ of\ the\ Regulation\ n^{\circ}$ 305/2011/EU:

AVCP - System 1 - System 3

7 Notified Certification bodies FIW (Forschunginstitut für Wärmeschutz e.v München) N° 0751 and MPA (Materialprüfanstalt fün das Bauwesen  $Hannover) \ N^{\circ} \ O764 \ performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the product$  $production\ control\ and\ the\ continuous\ surveillance,\ assessment\ and\ evaluation\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ factory\ production\ control\ and\ issued\ the\ certificate\ of\ constancy\ of\ constancy\ of\ certificate\ of\ constancy\ of\ certificate\ of\ constancy\ of\ certificate\ of$ performance for reaction to fire.

0751-CPR-223.0-01

## 8 Declared performance according to harmonized standard:

EN 13162:2012+A1:2015

Reaction to fire Realease of dangerous substances Robynamic stiffness SD Thickness GD Thickness Compressibility CP Air flow resistivity AFr  Direct airborne sound insulation index Air flow resistivity AFr  Continous glowing combustion  Thermal resistance Robynamic stiffness Thermal resistance Robynamic stiffness Realease of dangerous substances Adult Repressibility April 1	Euroclass	A1 NPD 1 NPD NPD NPD NPD 50	
Acoustic absorption index       Sound absorption       AW         Dynamic stiffness       5D         Thickness       dt         Compressibility       CP         Air flow resistivity       AFr         Direct airborne sound insulation index       Air flow resistivity         Continous glowing combustion       Continous glowing combustion         Thermal resistance       R <sub>D</sub> Thermal resistance       R <sub>D</sub> Thickness       dN         Thickness       T         Short term water absorption       WS         Water vapour permeability       Water vapour transmission       MU         Water vapour permeability       Water vapour transmission       Z         Compressive strength       Compressive stress       CS(10)         Compressive strength       Point Load       PL(5)         Durability of reaction to fire against heat, weathering, ageing/degradation       Reaction to fire       RtF         Durability of thermal resistance against heat, weathering, Thermal resistance       Ro         Thermal conductivity       No	MN/m³ mm mm kPa.s/m² kPa.s/m²	1 NPD NPD NPD S0	
Dynamic stiffness   SD	MN/m³ mm mm kPa.s/m² kPa.s/m²	NPD NPD NPD NPD 50	
Impact noise transmission index  Thickness  Compressibility  AFr  Direct airborne sound insulation index  Air flow resistivity  AFr  Continous glowing combustion  Continous glowing combustion  Thermal resistance  Thermal resistance  Thermal conductivity  Abo  Thickness  Thickness  Thickness class  Tomal term water absorption  Water permeability  Water vapour permeability  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress  Thermal resistance  Rection to fire  Retf  Thermal resistance  Rection to fire  Rection to fire  Rection to fire  Thermal resistance  Thermal resistance  Thermal resistance  Thermal resistance  Thermal conductivity  Thermal conductivity	mm mm kPa.s/m² kPa.s/m²	NPD NPD 50	
Impact noise transmission index    Compressibility   CP	mm kPa.s/m² kPa.s/m²	NPD 50	
Air flow resistivity  Air flow resistivity  AFr  Direct airborne sound insulation index  Air flow resistivity  AFr  Continous glowing combustion  Thermal resistance  Thermal conductivity  Thickness  Thickness  Thickness class  Thickness class  Thickness class  Thickness class  To thermal resistance  Water permeability  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress  CS(10)  Durability of reaction to fire against heat, weathering, ageing/degradation  Thermal resistance  Reaction to fire  Thermal resistance  Thermal resistance  Thermal resistance	kPa.s/m² kPa.s/m²	50	
Direct airborne sound insulation index       Air flow resistivity       AFr         Continous glowing combustion       Continous glowing combustion         Thermal resistance       R <sub>D</sub> Thermal resistance       R <sub>D</sub> Thermal conductivity       λ <sub>D</sub> Thickness       d <sub>N</sub> Thickness       T         Short term water absorption       WS         Long term water absorption       WL(P)         Water vapour permeability       Water vapour transmission       Z         Compressive strength       CS(10)         Point Load       PL(5)         Durability of reaction to fire against heat, weathering, ageing/degradation       Reaction to fire       RtF         Thermal resistance       R <sub>D</sub> Thermal conductivity       λ <sub>D</sub>	kPa.s/m²		
Continous glowing combustion  Continous glowing combustion  Thermal resistance  Thermal resistance  Thermal conductivity  Thickness  Thickness  Thickness  Thickness class  Thickness class  Thickness class  Thickness class  Thickness class  Tour conductivity  Water permeability  Water water absorption  Wul(P)  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress  CS(10)  Durability of reaction to fire against heat, weathering, ageing/degradation  Reaction to fire  Thermal resistance  Rep  Thermal conductivity  About the point conductivity  Thermal conductivity  Thermal conductivity  Thermal conductivity  Thermal conductivity			
Thermal resistance		50	
Thermal resistance		NPD	
Thickness d <sub>N</sub> Thickness d <sub>N</sub> Thickness class T  Short term water absorption WS  Water permeability Under vapour permeability Water vapour transmission T  Compressive strength Compressive stress CS(10)  Durability of reaction to fire against heat, weathering, ageing/degradation Reaction to fire RtF  Thermal resistance R <sub>D</sub> Thermal conductivity N	m² K/W	see below table	
Thickness ddN Thickness class T Short term water absorption WS  Ung term water absorption WL(P)  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress CS(10)  Durability of reaction to fire against heat, weathering, ageing/degradation  Reaction to fire Thermal resistance Rep Thermal conductivity	W/m K	0,033	
Thickness class T  Short term water absorption WS  Water permeability Long term water absorption WL(P)  Water vapour permeability Water vapour transmission MU  Z  Compressive strength Compressive stress CS(10)  Durability of reaction to fire against heat, weathering, ageing/degradation Reaction to fire RtF  Thermal resistance R <sub>D</sub> Thermal conductivity No.	mm	30-300	
Water permeability  Long term water absorption  WL(P)  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress  CS(10)  Point Load  PL(5)  Durability of reaction to fire against heat, weathering, ageing/degradation  Reaction to fire  Thermal resistance  Rep  Thermal conductivity	Class	T4	
Long term water absorption   WL(P)	kg/m²	<1	
Water vapour permeability     Water vapour transmission     Z       Compressive strength     Compressive stress     CS(10)       Point Load     PL(5)       Durability of reaction to fire against heat, weathering, ageing/degradation     Reaction to fire     RtF       Durability of thermal resistance against heat, weathering, Thermal conductivity     Thermal conductivity	kg/m²	<3	
Compressive strength  Compressive stress  CS(10)  Point Load  PL(5)  Durability of reaction to fire against heat, weathering, ageing/degradation  Reaction to fire  RtF  Thermal resistance  R <sub>D</sub> Thermal conductivity	-	1	
Compressive strength  Point Load  PL(5)  Durability of reaction to fire against heat, weathering, ageing/degradation  Reaction to fire  RtF  Thermal resistance  R <sub>D</sub> Thermal conductivity	m2hPa/mg	NPD	
Point Load PL(5)  Durability of reaction to fire against heat, weathering, ageing/degradation  Durability of thermal resistance against heat, weathering, Thermal conductivity  Thermal conductivity  Thermal conductivity	kPa	NPD	
ageing/degradation  Reaction to fire	N	NPD	
Durability of thermal resistance against heat, weathering,  Thermal conductivity	Euroclass	A1	
I hermal conductivity   \( \Lambda_0 \)	m² K/W	see below table	
	W/m K	0,033	
Durability characteristics DS (70,90)	%	NPD	
Tensile/Flexural strength Tensile strength perpendicular to faces TR		NPD	
Durability of compressive strength against heat, weathering, ageing/degradation Compressive creep $CC(i_1/i_2/y) \sigma_c$	kPa	NPD	
NPD: No Performance Determined	kPa mm		

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

Thickness	d <sub>N</sub> (mm)	30	40	50	60	70	80	90	100	110	120	130	140	150	160	180	200
Thermal resistance	R <sub>D</sub> (m <sup>2</sup> K/W)	0,90	1,20	1,50	1,80	2,10	2,40	2,70	3,00	3,30	3,60	3,90	4,20	4,50	4,80	5,45	6,05

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Name: Dr. Chadiarakou Stella Function: Quality Assurance Manager

Place: Thessaloniki 1/3/2021 Date:

Signature: