Declaration of Performance





DoP Number: GR-2233-003

1 Unique identification code of the product-type:

MW-EN 13162-T5-CS(10)30-TR10-WS-WL(P)-MU1

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

FIBRANgeo CORE BP-30

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. 56410, Thessaloniki, Greece

 $5\ Name \ and \ contact \ address \ of \ the \ authorised \ representative \ whose \ mandate \ covers \ the \ tasks \ specified \ in \ Article \ 12(2) \ of \ the \ regulation \ n^{\circ}$ 305/2011/EU: $6\ \ System\ or\ systems\ of\ assessment\ and\ verification\ of\ constancy\ of\ performance\ of\ the\ construction\ product\ as\ set\ out\ in\ Annex\ V\ of\ the\ Regulation\ n^{\circ}$

AVCP - System 1 - System 3

Not applicable

305/2011/EU: 7 Notified Certification bodies FIW (Forschunginstitut für Wärmeschutz e.v München) N° 0751 and MPA (Materialprüfanstalt fün das Bauwesen $Hannover) \ N^{\circ} \ O764 \ performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the initial inspection of the manufacturing plant and of factory and the product type in the product$

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0751-CPR-223.0-01

8 Declared performance according to harmonized standard:

EN 13162:2012+A1:2015

Realease of dangerous substances Realease of dangerous substances Acoustic absorption index Sound absorption AW Dynamic stiffness SD Inflickness Impact noise transmission index Compressibility CP Air flow resistivity AFr k Continous glowing combustion Continous glowing combustion AFr k Continous glowing combustion Continous glowing combustion Thermal resistance Ro Internal resistance Thermal resistance Thermal conductivity λo Thickness T Thickness class T T Short term water absorption WS WS Long term water absorption WL(P) Water vapour permeability Water vapour transmission Z mi Compressive strength Compressive stress CS(10) Point Load PL(5) PL(5) Durability of reaction to fire against heat, weathering, ageing/degradation Reaction to fire Re Thermal resistance Ro Internal resistance Ro	Unit Declared pe	erformance	
Acoustic absorption index Dynamic stiffness SD Inchess SD Inches Inches SD Inches Inches SD Inches Inches SD Inches Inche	uroclass A	\1	
Dynamic stiffness	NP	PD	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	- NP	PD	
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Air flow resistivity AFr k Direct airborne sound insulation index Air flow resistivity AFr k Continous glowing combustion Continous glowing combustion Thermal resistance Thermal resistance Thermal conductivity Thickness Thickness Thickness Thickness Short term water absorption Water vapour permeability Water vapour transmission Compressive strength Compressive stress Compressive str	mm NP	PD	
Direct airborne sound insulation index Air flow resistivity AFr k Continous glowing combustion Thermal resistance Thermal resistance Thermal conductivity Thickness Thickness class Thickness class Thickness class Thormal resistance Water vapour permeability Water vapour permeability Water vapour transmission Compressive strength Tomp Load Point Load Pul(5) Durability of thermal resistance against heat, weathering, ageing/degradation Thermal resistance Air flow resistivity April 18 April	mm NP	PD	
Continous glowing combustion Continous glowing combustion Thermal resistance Thermal resistance Thermal conductivity Thickness	Pa.s/m² NP	NPD	
$Thermal resistance \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Pa.s/m² NP	PD	
Thermal resistance	NP	PD	
	m² K/W see belo	ow table	
	W/m K 0,0)36	
Water permeability Short term water absorption 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 Durability of thermal resistance against heat, weathering, ageing/degradation Thermal resistance Thermal conductivity No	mm 30-3	300	
Water permeability	Class T5	5	
	kg/m² <	<1	
$\frac{\text{Vater vapour permeability}}{\text{Compressive strength}} \\ \frac{\text{Compressive stress}}{\text{Point Load}} \\ \frac{\text{Compressive stress}}{\text{Point load}} \\ \frac{\text{PL(5)}}{\text{Point Load}} \\ \\ \frac{\text{Reaction to fire}}{\text{RtF}} \\ \frac{\text{E}}{\text{E}} \\ \frac{\text{E}}{\text{Point load}} \\ \frac{\text{Reaction to fire}}{\text{Point load}} \\ \frac{\text{Reaction to fire}}{\text{Point load}} \\ \frac{\text{RtF}}{\text{Point load}} \\ \frac{\text{RtF}}{Poi$	kg/m² <	<3	
	- 1	1	
Compressive strength Point Load PL(5) Durability of reaction to fire against heat, weathering, ageing/degradation Purability of thermal resistance against heat, weathering, ageing/degradation Thermal resistance Reaction to fire RtF E Thermal resistance R _D Thermal conductivity A _D	2hPa/mg NP	PD	
Point Load PL(5) Durability of reaction to fire against heat, weathering, ageing/degradation Reaction to fire RtF E Durability of thermal resistance against heat, weathering, against degradation Thermal conductivity AD	kPa 30	30	
ageing/degradation Reaction to Tire Rtt E Durability of thermal resistance against heat, weathering, are introduced by the state of th	N NP	PD	
Durability of thermal resistance against heat, weathering, λ_{D} Thermal conductivity λ_{D}	uroclass A	A1	
Inermal conductivity A _D	m² K/W see belo	ow table	
Durability characteristics DS (70,90)	W/m K 0,0)36	
	% NP	PD	
Tensile/Flexural strength Tensile strength perpendicular to faces TR	kPa 10	10	
Durability of compressive strength against heat, weathering, ageing/degradation $CC(i_1/i_2/y) \sigma_c$	mm NP	PD	
NPD: No Performance Determined			

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

Thickness	d _N (mm)	30	40	50	60	70	80	90	100	110	120	130	140	150	160	180	200
Thermal resistance	$R_D (m^2 K/W)$	0,80	1,10	1,35	1,65	1,90	2,20	2,50	2,75	3,05	3,30	3,60	3,85	4,15	4,40	5,00	5,55

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 6/7/2020 Date: Signature: