Declaration of Performance

DoP Number:

- 1 Unique identification code of the product-type:
- $2 \ \ \text{Identification of the construction product as required under Article 11(4) of the regulation n^{\circ} \ 305/2011/\text{EU}:}$
- 3 Intended use/es:
- 4 Manufacturer:
- 5 Systems/s of AVCP:
- 6 Harmonised standard:
- 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 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 and issued the certificate of constancy of performance for reaction to fire.

7 Declared performance:

Acoustic absorption index Sound at Dynamic Thicknes Impact noise transmission index Compres Air flow r Direct airborne sound insulation index Direct airborne sound insulation index Air flow r Continous glowing combustion Continou Thermal resistance Thermal Water permeability Short ter Water vapour permeability Water va	of dangerous substances osorption stiffness s sibility esistivity esistivity esistivity esistivity esistivity esistivity esistivity esistance conductivity s	RtF AW SD dL CP AFr AFr RD λD dN T	Euroclass	A1 NPD 1 NPD NPD 15 15 15 NPD see table below 0,035 30-60 T4
Acoustic absorption index Sound at Dynamic Thickness Impact noise transmission index Compressive Direct airborne sound insulation index Air flow r Direct airborne sound insulation index Air flow r Continous glowing combustion Continou Thermal resistance Thermal Water permeability Short ter Water vapour permeability Water va Compressive strength Compressive strength	osorption stiffness sibility esistivity esistivity is glowing combustion resistance conductivity s s class	SD dL CP AFr AFr RD λD dN T	MN/m ³ mm kPa.s/m ² kPa.s/m ² m ² K/W W/m K mm	1 NPD NPD 15 15 15 see table below 0,035 30-60
Dynamic Impact noise transmission index Compressive strength Direct airborne sound insulation index Air flow r Direct airborne sound insulation index Air flow r Continous glowing combustion Continou Thermal Thermal resistance Thickness Water permeability Water vapour permeability Water vapour permeability Compressive strength	stiffness s sibility esistivity esistivity s glowing combustion resistance conductivity s s class	SD dL CP AFr AFr RD λD dN T	MN/m ³ mm kPa.s/m ² kPa.s/m ² m ² K/W W/m K mm	NPD NPD NPD 15 15 NPD see table below 0,035 30-60
Impact noise transmission index Thickness Compressive strength Thickness Thickness Thickness Thickness Thermal Thermal resistance Thermal Thickness Thickness Compressive strength Thickness Thickne	s sibility esistivity esistivity s glowing combustion resistance conductivity s s class	dL CP AFr AFr RD λD dN T	mm mm kPa.s/m ² kPa.s/m ² m ² K/W W/m K mm	NPD NPD 15 15 see table below 0,035 30-60
Impact noise transmission index Compressive strength Compressive strengt	sibility esistivity esistivity esistivity esistance conductivity s s class	CP AFr AFr RD λD dN T	mm kPa.s/m ² kPa.s/m ² m ² K/W W/m K mm	NPD 15 15 NPD see table below 0,035 30-60
Air flow r Air flow r Direct airborne sound insulation index Air flow r Continous glowing combustion Continou Thermal resistance Thirkness Water permeability Short ter Water vapour permeability Water va Compressive strength Compressive strength	esistivity esistivity is glowing combustion resistance conductivity s s class	AFr AFr RD λD dN T	kPa.s/m² kPa.s/m² m² K/W W/m K mm	15 15 NPD see table below 0,035 30-60
Direct airborne sound insulation index Air flow r Continous glowing combustion Continou Thermal resistance Thermal Water permeability Short ter Uong ter Water vapour permeability Water va Compressive strength	esistivity esistivity resistance conductivity s s class	AFr R _D λ _D d _N T	kPa.s/m² m² K/W W/m K mm	15 NPD see table below 0,035 30-60
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Thermal resistance Thermal resistance Thermal Thermal Thermal Thermal Thermal Thicknes Thickn	resistance conductivity s s class	λ _D d _N T	W/m K mm	see table below 0,035 30-60
Thermal resistance Thermal resistance Thermal resistance Thicknes Thicknes Thicknes Short ter Long ter Water vapour permeability Water vapour permeability Water vapour permeability Compressive strength Thermal Ther	conductivity s s class	λ _D d _N T	W/m K mm	0,035 30-60
Thickness Thickness Water permeability Water vapour permeability Water vapour permeability Water vapour permeability Compressive strength	s s class	d _N T	mm	30-60
Thicknes Thicknes Water permeability Water vapour permeability Water vapour permeability Water vapour permeability Compressive strength	s class	т		
Water permeability Short ter Water vapour permeability Water va Compressive strength Compressive strength		т	Class	T4
Water permeability Long term Water vapour permeability Water va Compressive strength Compressive strength	m water absorption			
Water vapour permeability Water va Compressive strength Compressive strength		WS	kg/m²	<1
Compressive strength	m water absorption	WL(P)	kg/m²	<3
Compressive strength	pour transmission	MU Z	- m2hPa/mg	1 NPD
	sive stress	CS(10)	kPa	NPD
	d	PL(5)	Ν	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	to fire	RtF	Euroclass	A1
Thermal	resistance	R _D		see table below
Durability of thermal resistance against heat, weathering, ageing/degradation	conductivity	λ _D	W/m K	0,035
ageing/degradation Durabilit	y characteristics	DS (70,90)	%	NPD
Tensile/Flexural strength Tensile st	rength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	sive creep	CC(i ₁ /i ₂ /y) σ _c	mm	NPD
NPD: No Performance Determined				1

 Thickness
 d_N (mm)
 30
 40
 50
 60

 Thermal resistance
 R_D (m² K/W)
 0,85
 1,10
 1,40
 1,70

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:	Dr. Chadiarakou Stella		
Function:	Quality Assurance Manager		
Place:	Thessaloniki		
Date:	18/4/2022		
Signature:	Anun		



MW-EN 13162-T4-WS-WL(P)-MU1-AW1-AFr15

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

GR-2123-005

FIBRANgeo R-050

Thermal Insulation of Building

AVCP - System 1 - System 3

EN 13162:2012+A1:2015