Declaration of Performance

DoP Number:	**GR-3010-001**
1 Unique identification code of the product-type:	**MW-EN 14303-T2-ST(+)650-WS1-AW1-CL10-F10-pH10,5**
2 Identification of the construction product as required under Article 11(4) of the regulation n° 305/2011/EU:	FIBRANgeo R-001-KO
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 building equipment and industrial installations
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 1
7 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.	0751-CPD.2-001.0-01

8 Declared performanceaccording to harmonized standard: **EN 14303:2009 + A1:2013**

Essential characteristics	Performance	Abreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1
Acoustic absorption index	Acoustic absorption index			1
Thermal Resistance	Thermal Conductivity	λ_D	W/m K	See table below
	Thickness	d_N	mm	30-120
	Thickness Tolerance	T	Class	T2
Water Permeability	Water Absorption	WS	kg/m^2	1
Water vapour permeability	Water Vapour diffusion equivalent air layer thickness	MV		NPD
Compressive strength	Compression stress at 10% deformation	CS	kPa	NPD
Rate of release of corrosive substances	Trace of quantities of water-soluble chloride ions and pH-value	CL	ppm	10
		F	ppm	10
		pH		10,5
Realease of Dangerous Substances	Realease of Dangerous Substances			NPD
Realease of Dangerous Substances	Continuous Glowing Combustion			NPD
Durability of reaction to fire against ageing/degradation	Durability of reaction to fire against ageing/degradation			According to EN 14303
Durability of thermal resistance against ageing/degradation	Durability of thermal resistance against ageing/degradation			According to EN 14303
Durability of reaction to fire against high temperature	Durability of reaction to fire against high temperature			According to EN 14303
Duranbility of thermal resistance against high temperature	Maximum Service Temperature	ST	°C	650
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.

Temperature	10	50	100	150	200	250	300	350	400	500	600	650
λ W/mK	0,033	0,040	0,045	0,051	0,058	0,066	0,076	0,087	0,098	0,125	0,156	0,174

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
Date: 19/3/2021
Signature: