## **Declaration of Performance**





DoP Number: GR-2237-003

1 Unique identification code of the product-type:

MW-EN 13162-T5-CS(10)60-TR20-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-60

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:

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

Thermal resistance $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	lared performance
Acoustic absorption index    Dynamic stiffness   SD   MN/m²	A1
Dynamic stiffness   SD   MN/m²   Mn/	NPD
Impact noise transmission index       Thickness       dL       mm         Compressibility       CP       mm         Air flow resistivity       AFr       kPa.s/m²         Direct airborne sound insulation index       Air flow resistivity       AFr       kPa.s/m²         Continous glowing combustion       Thermal resistance       R <sub>D</sub> m² K/W       S         Thermal resistance       R <sub>D</sub> m² K/W       S         Thermal conductivity       λ <sub>D</sub> W/m K       S         Thickness       d <sub>N</sub> mm       M         Thickness class       T       Class       S         Thickness class       T       Class       S         Short term water absorption       WS       kg/m²       W         Water vapour permeability       Water vapour transmission       MU(P)       kg/m²       C         Compressive strength       CS(10)       kPa       C         Compressive stress       CS(10)       kPa       C         Durability of reaction to fire against heat, weathering, ageing/degradation       Reaction to fire       RtF       Euroclass         Thermal conductivity       λ <sub>D</sub> W/m K       D       M/m K       D         Durability	NPD
Impact noise transmission index    Compressibility	NPD
Air flow resistivity AFr RPa.s/m²  Direct airborne sound insulation index Air flow resistivity AFr RPa.s/m²  Continous glowing combustion  Continous glowing combustion  Thermal resistance Thermal resistance Thermal resistance Thermal conductivity Thickness	NPD
Direct airborne sound insulation index  Air flow resistivity  AFr  kPa.s/m²  Continous glowing combustion  Continous glowing combustion  Thermal resistance  Thermal resistance  Thermal conductivity  Thickness  Thickness  Thickness dd <sub>N</sub> Thermal resistance  Thermal resistance dd <sub>N</sub> Thickness dd <sub>N</sub> Thermal resistance	NPD
Continous glowing combustion  Continous glowing combustion  Thermal resistance  Thermal resistance  Thermal resistance  Thermal resistance  Thermal conductivity  Thickness  Thickness  Thickness  Thickness  Thickness Tame  Short term water absorption  WS  Kg/m²  Long term water absorption  WL(P)  Water vapour permeability  Water vapour transmission  Tompressive strength  Compressive stress  CS(10)  Tomple against heat, weathering, ageing/degradation  Durability of thermal resistance against heat, weathering, ageing/degradation  Thermal resistance  Reaction to fire  Thermal resistance  Thermal conductivity  Durability characteristics  DS (70,90)  %	NPD
Thermal resistance $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NPD
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NPD
Thickness   Thickn	see below table
$\frac{\text{Thickness}}{\text{Thickness class}} \qquad \frac{d_N}{T} \qquad \text{mm} \qquad \frac{d_N}{d_N} \qquad \text{mm} \qquad \frac{d_N}{d_N} \qquad d_$	0,038
Water permeability  Water vapour permeability  Water vapour permeability  Water vapour transmission  Compressive strength  Compressive stress  CS(10)  Point Load  PL(5)  N  Durability of teaction to fire against heat, weathering, ageing/degradation  Purability of thermal resistance against heat, weathering, ageing/degradation  Short term water absorption  WS  kg/m²  MU  T  T  T  MU  Compressive stress  CS(10)  KPa  Point Load  PL(5)  N  Thermal resistance  Reaction to fire  RtF  Euroclass  Thermal resistance  Thermal resistance  Thermal conductivity  Durability of thermal resistance against heat, weathering, ageing/degradation  Drability of thermal resistance against heat, weathering, ageing/degradation  Thermal conductivity  Durability characteristics  DS (70,90)  %	70-100
Water permeability       Long term water absorption       WL(P)       kg/m²         Water vapour permeability       MU       -       -         Compressive strength       Compressive stress       CS(10)       kPa         Compressive strength       Point Load       PL(5)       N         Durability of reaction to fire against heat, weathering, ageing/degradation       Reaction to fire       RtF       Euroclass         Durability of thermal resistance against heat, weathering, ageing/degradation       Thermal resistance       Rp       m² K/W       s         Thermal conductivity       \(\lambda\rightarrow\) W/m K       Durability characteristics       DS (70,90)       %	T5
Long term water absorption   WL(P)   kg/m²	<1
Water vapour permeability     Water vapour transmission     Z     m2hPa/mg       Compressive strength     Compressive stress     CS(10)     kPa       Point Load     PL(5)     N       Durability of reaction to fire against heat, weathering, ageing/degradation     Reaction to fire     RtF     Euroclass       Durability of thermal resistance against heat, weathering, ageing/degradation     Thermal resistance     R <sub>D</sub> m² K/W     s       Thermal conductivity     \(\Delta_D\)     W/m K       Durability characteristics     DS (70,90)     %	<3
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1
	NPD
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	60
ageing/degradation Reaction to fire RtF Euroclass  Durability of thermal resistance against heat, weathering, ageing/degradation Thermal conductivity $\lambda_D$ W/m K  Durability characteristics DS (70,90) %	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation  Thermal conductivity $\lambda_D$ W/m K  Durability characteristics  DS (70,90)  %	A1
ageing/degradation Thermal Conductivity A <sub>D</sub> W/m K  Durability characteristics DS (70,90) %	see below table
Durability characteristics DS (70,90) %	0,038
Tensile/Flexural strength Tensile strength perpendicular to faces TR kPa	NPD
	20
Durability of compressive strength against heat, weathering, ageing/degradation $ CC(i_1/i_2/y) \ \sigma_c                                  $	NPD
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 <sub>N</sub> (mm)	70	80	90	100
Thermal resistance	R <sub>D</sub> (m <sup>2</sup> K/W)	1,80	2,10	2,35	2,60

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: