

# Declaration of Performance



## DoP Number

1 Unique identification code of the product-type	<b>SC-1001-001</b>
2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR	FIBRANeps GRAFIT 80
3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	GRAFIT 80
4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	Thermal insulation for buildings (ThIB)
5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	IZOLMAK FIBRAN D.O.O. Industrial area Sever bb, 2400 Strumica, FYROM
6 System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V.	not relevant
7 In case of the declaration of performance concerning a construction product covered by a harmonised standard (Name and identification number of the notified body, if relevant).	AVCP - System 3
	EODD No. 1950
Harmonised standard	EN 13163:2008

## 8 Declared performance

Essential characteristics	Performance	Symbol	Declared performance
Thermal Resistance	Thickness	$d_N$ [mm]	30 - 120
	Thermal Resistance	$R_D$ [m <sup>2</sup> K/W]	see below table
	Thermal Conductivity	$\lambda_D$ [W/m K]	0.032
Reaction to fire	Reaction to fire	Euroclass	E
Release of Dangerous Substances	Release of Dangerous Substances		NPD
Acoustic absorption index	Sound absorption		NPD
Continuous glowing combustion	Continuous glowing combustion		NPD
Water Permeability	long term water absorption by total immersion	WL(T) [vol.%]	2
	long term water absorption by diffusion	WD(V) [vol.%]	NPD
Impact noise transmission index (for floors)	Dynamic stiffness	SD	NPD
	Thickness	$d_L$ [mm]	NPD
	Compressibility	CP	NPD
Water vapour permeability	Water vapor diffusion resistance factor	MU	40
Compressive strength	Compressive stress at 10% deformation	CS(10/Y) [kPa]	80
	Deformation under specified compressive load and temperature conditions	DLT	NPD
Tensile strength	Bending strength	$\sigma_b$ [kPa]	200
	Bending strength	BS	200
	Tensile strength perpendicular to faces	TR [kPa]	200
Durability of reaction to fire against heat, weathering, aging/degradation	Reaction to fire	Euroclass	E
Durability of thermal resistance against heat, weathering, aging/degradation	Thermal Resistance	$R_D$ [m <sup>2</sup> K/W]	see below table
	Thermal Conductivity	$\lambda_D$ [W/m K]	0.032
	Dimensional stability under specified temperature and humidity conditions	DS(70,-)	1
	Deformation under specified compressive load and temperature conditions	DLT	NPD
	Freeze-thaw resistance	FTCI	NPD

Durability of compressive strength against heat, weathering, aging/degradation	Compressive creep	CC (2/1,5/50)	NPD
	Long term thickness reduction	$X_t$	NPD

Thickness	30	40	50	60	120
$R_D$ (m <sup>2</sup> K/W)	0.90	1.25	1.55	1.85	3.75

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

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

Name

Borche Kararistov

Function

Technical Manager

Place, Date

Strumica, 1/7/2013