ΠΙΣΤΟΠΙΗΤΙΚΑ ΚΑΛΥΜΜΑΤΟΣ

TECHNICAL REPORT

ARCADE FR

M2/B1/BS

APPLICATIONS

- Lightweight tents
- Pergolas
- Boat covers
- Covers and lagging

PRODUCT INFORMATION

WIDTH	150/302 cm
WEIGHT	500 g/m²
BASE CLOTH	High tenacity polyester 550 dTex
COATING	PVC coating, system **LOWICK** ® Protection Anti UV
FINISH	**CLEANGARD**® lacquer both sides
COLOUR	Colour range

PRODUCT CHARACTERISTICS

TENSILE STRENGTH	150/ 150 daN	NF EN ISO 1421
TEAR STRENGTH	15/15 daN	DIN 53363
ADHESION	7 daN / 5 cm	NF EN ISO 2411
TEMPERATURE STABILITY :		
in ° Celsius	- 30°C to + 70°C	
in ° Fahrenheit	- 22°F to +158°F	
F / R	M2/B1/BS	
	NFPA 701 / C-s2-d0	

Average values +/- 10 % non contractual

DICKSON®

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Declaration of Performance

ΠΙΣΤΟΠΟΙΗΣΗ ΠΕΤΡΟΒΑΜΒΑΚΑ

DoP Number	**GR-3018-001**
1 Unique identification code of the product-type	FIBRANgeo R-560-AL
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	R-560-AL
3 Intended use or uses of the construction product, in accordance with the applicable harmonised technica specification, as foreseen by the manufacturer	Thermal insulation for building equipment and industrial installations (ThIB)
4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	FIBRAN S.A. 56010, Thessaloniki, Greece
5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	Not relevant
6 System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V.	AVCP - System 1
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).	FIW No. 0751

FIW No. 0751 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. Notified Body No. 0751 performed the test reports for the other relevant declared characteristics.

Harmonised standard: EN 14303:2013

8 Declared performance

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	30-120
Water Permeability	Water Absorption	WS	kg/m^2	1
Water vapour permeability	Water Vapour diffusion equivalent air layer thickness	MV		1
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	600
NPD: Μη δηλωμένη τιμή				

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.

Temperature	10	50	100	150	200	250	300	350	400	500	600	650
λ W/mK	0,035	0,039	0,046	0,054	0,063	0,075	0,087	0,101	0,116	0,151	0,193	0,221

Name: Stella Chadiarakou

Function: R&D -Quality Assurance Manager

Place: Thessaloniki

Date: 1/7/2013

Signature: