

TECHNICAL DATA SHEET



MAAD HYDROFIBER 15-25 ALU

Descripton

Thermally insulating material and sound absorber made of 100 % polyester fiber with hydrophobic properties

Application





TECHNICAL PARAMETERS:

FIRE PERFORMANCE

20 kg/m³ (±10 %) DENSITY

other available density: 15, 18, 25 kg/m³ EN 45545-2

fulfilled the recommendations R1 - HL1, HL2, HL3

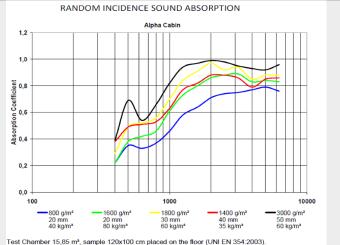
ECE-R 118 Annex 6 fulfilled the recommendations

UNI 9175 fulfilled the recommendations the class 1IM GOST 12.1.044-89 point 4.19

index of flame spread - I=0

SOUND **ABSORPTION**

UNI EN 354



THERMAL CONDUCTIVITY λ	UNI EN 12667	0,035 W/mK
TEMPERATURE RANGE	BS 4443/1 Met.4	- 40 and +90 °C
FUNGAL RESISTANCE	ASTM G21	meets test requirements
RESISTANCE FOR HARMFUL SUBSTANCES	Oeko Tex Standard 100	fulfilled the recommendations

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6701-2 9001:2015



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HYDROPHOBIC water drop test > 48 h **PROPERTIES** water absorption by capillary (after 48 h) < 1 mm TENSILE STRENGHT ASTM D3575-08 T 140 KPa PEAK ISO 1978 TENSILE ASTM D3575-08 T

50% **ELONGATION** ISO 1978

STANDARD DIMENSIONS OF THE MATERIAL:

THICKNESS** [mm]	DIMENSIONAL TOLERANCES [mm]	DIMENSIONS OF THE SHEET ** [mm]
10 - 80	± 1	1000 x 2000

OPTIONS***:

Maad HYDROFIBER ALU	without a self-adhesive layer
Maad HYDROFIBER ALU, SK-M	with a self-adhesive with a mesh layer

^{***} Other composites available on customer's request.

In the case of material with adhesive layer, storage at a temperature of +15 to +30 $^{\circ}\text{C}$

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There is a possibility of cutting to size in accordance with your specifications or drawing.

*Other thicknesses / dimensions available on customer's request. Effective dimensions guaranteed as ordered.