

MAAD HYDROFIBER 15-25 ALU

Description

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

Application

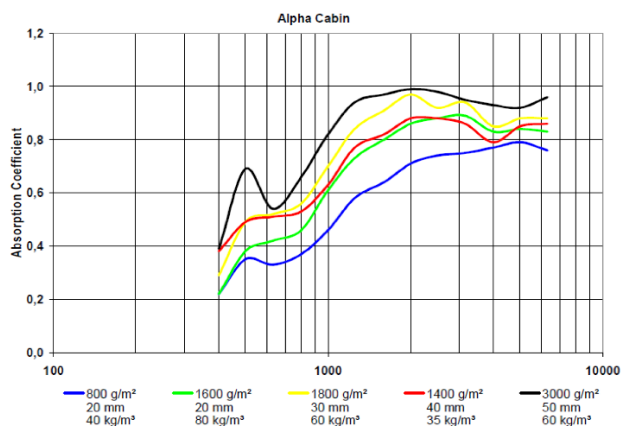


TECHNICAL PARAMETERS

FIRE PERFORMANCE	EN 45545-2 ECE-R 118 Annex 6 UNI 9175 GOST 12.1.044-89 point 4.19	fulfilled the recommendations R1 – HL1, HL2, HL 3 fulfilled the recommendations fulfilled the recommendations the class 1IM index of flame spread - I=0
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SOUND ABSORPTION UNI EN 354

RANDOM INCIDENCE SOUND ABSORPTION



Test Chamber 15,85 m³, sample 120x100 cm placed on the floor (UNI EN 354:2003).

THERMAL CONDUCTIVITY λ	UNI EN 12667	0,035 W/mK
DENSITY	-	20 kg/m³ (±10 %) other available density: 15, 18, 25 kg/m³
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
HYDROPHOBIC PROPERTIES	-	water drop test > 48 h water absorption by capillary (after 48 h) < 1 mm
TENSILE STRENGTH PEAK	ASTM D3575-08 T ISO 1978	140 KPa
TENSILE ELONGATION	ASTM D3575-08 T ISO 1978	50%

STANDARD DIMENSIONS OF THE MATERIAL

THICKNESS [mm]	DIMENSIONS OF THE SHEET * [mm]
10 - 80	1000 x 2000

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.



OPTIONS**

MAAD HYDROFIBER 15-25 ALU	without a self-adhesive layer
MAAD HYDROFIBER 15-25 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 °C