

MAAD MF 10 ALU

Descripton

Flexible sound-absorbing melamine resin foam in special hydrophobic version. The foam has been created for problem spots exposed to moisture and fluids

Application

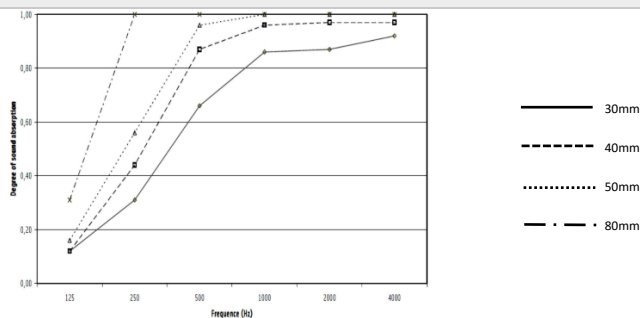


TECHNICAL PARAMETERS:

DENSITY	EN ISO 845 EN 45545-2 DIN 5510-2 UL 94	8-10 kg/m ³ fulfilled the recommendations R1 - HL 3 fulfilled the recommendations S4; SR 2; ST 2 94 V-0 +94 HF -1
FIRE PERFORMANCE	NF P 92-501 ASTM E 662 FAR 25.853 PN-K-02511:2000	M1 fulfilled the recommendations fulfilled the recommendations fulfilled
THERMAL CONDUCTIVITY λ: At +10°C		<0,035 W/mK

SOUND ABSORPTION

DIN52212



STANDARD DIMENSIONS OF THE MATERIAL:

THICKNESS** [mm]	DIMENSIONAL TOLERANCES [mm]	DIMENSIONS OF THE SHEET ** [mm]
10, 20, 30, 40, 50, 100	± 1	2100 x 1250 2500 x 1250

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.

TECHNICAL DATA SHEET

OPTIONS***:

Maad MF 10 ALU	without a self-adhesive layer
Maad MF 10 ALU, SK	With a self-adhesive
Maad MF 10 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

ADDITIONAL TECHNICAL PARAMETERS:

COMPRESSION DEFLEXION:		
At 10%	DIN 53421	5 - 20 kPa
At 40%	DIN 53577	7 - 20 kPa
PRESSURE STRENGTH	Test method by BASF	> 45 kN
TENSILE STRENGTH	DIN 53571	> 120 kN
ELONGATION AT BREAK	DIN 53571	>10%
COMPRESSION SET	DIN 53572	10-20 %
	50 % /23 °C / 22 h	
	DIN 53572	10-30 %
	50 % /23 °C / 72 h	
DIFFUSION RESISTANCE FACTOR μ:	DIN 52615	abt. 2
SOUND ABSORPTION: d=50 mm/2000Hz ****	ISO 10543	>90%
LONGITUDINAL RESISTANCE	DIN 52213	10-20 kN/m ⁴
FLEXIBLE BEHAVIOUR	-	fulfilled
PERMANENT INTENDED APPLICATION TEMPERATURE	-	Max. 150°C
FLASH-POINT	ASTM D1929	>580°C
DECOMPOSITION TEMPERATURE	-	>350°C

**** data measured for a thickness of 50 mm, test for other thicknesses on customer's request