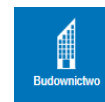
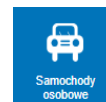
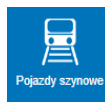


# MAAD MF 10 ALU

### Description

Melamine Foam based on melamineresin is a highly effective product as sound absorption material. Very good absorption results are obtained within a large frequency spectrum. Because of it's structure, it is at the same time an excellent thermal insulation product.

### Application



### TECHNICAL PARAMETERS

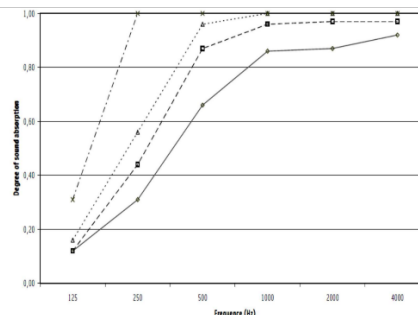
FIRE PERFORMANCE	EN 45545-2 DIN 5510-2	fulfilled the recommendations R1 - HL 3 fulfilled the recommendations S4; SR 2; ST 2
	UL 94 NF P 92-501 ASTM E 662 FAR 25.853 PN-K-02511:2000	94 V-0 +94 HF -1 M1 fulfilled the recommendations fulfilled the recommendations fulfilled

THERMAL CONDUCTIVITY  $\lambda$ :  
At +10°C

<0,035 W/mK

### SOUND ABSORPTION

DIN52212



### DENSITY

8-11 kg/m<sup>3</sup> ± 1 kg/m<sup>3</sup>

### 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.

### 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 a self-adhesive layer, storage at a temperature of +15 to +30 °C

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