

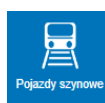


MAAD MF 10 HYDRO PROTECT

Description

MAAD MF 10 HYDRO PROTECT based on melamine resin foam is a highly effective product. Very good sound absorption results are obtained within a large frequency spectrum, very good thermal and now also hydrophobic properties cause it's excellent thermal insulation product.

Application

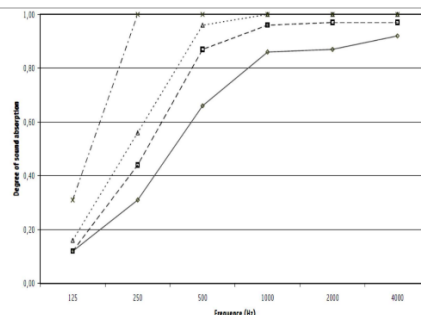


TECHNICAL PARAMETERS

DENSITY	EN ISO 845	9-11 kg/m ³
HYDROPHOBICITY - CONTACT ANGLE	Rame – Hart Goniometer Model. 1 90 – U1	127°
FIRE PERFORMANCE	EN 45545-2 ECE R 118	fulfilled the recommendations R1 - HL 3 fulfilled the recommendations Annex 6,7,8
HEAT CONDUCTANCE * At +10°C	DIN EN12667 d=50 mm	<0,033 W/mK

SOUND ABSORPTION

DIN52212



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

STANDARD DIMENSIONS OF THE MATERIAL

THICKNESS** [mm]	DIMENSIONAL TOLERANCES [mm]	DIMENSIONS OF THE SHEET ** [mm]
10, 20, 30, 40	± 1	2100 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 HYDRO PROTECT	without a self-adhesive layer
Maad MF 10 HYDRO PROTECT, 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

IMPORTANT :

Despite the hydrophobic properties MAAD MF 10 HYDRO PROTECT is not for outside use or when subjected to weather conditions. Manufacturing related colour variations can occur. Up to 10 pores per m² with a diameter of between 5 and 15 mm can occur per m² and do not give cause for complaint.

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
MIN. MAX. WORK TEMPERATURE	-	-150 ÷ +240°C
PERMANENT INTENDED APPLICATION TEMPERATURE	-	Max. 150°C
STORAGE TIME	-	9 month *****

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

***** Originally packed (or equivalent), 5-30 ° C, dry, protected from UV and weather

