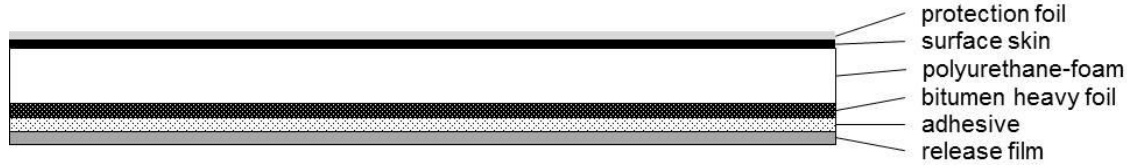


Technical Data Sheet

M 1422/-2.1



M 1422/-2.1 is a polyurethane-foam (polyether), surface skin with a grey polyurethane-foil, laminated on a heavy foil based on bitumen.
 Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data				
Type (M 1422/...)		10-2.1*	20-2.1	25-2.1
Thickness (approximate)	[mm]	12.1	22.1	27.1
Weight (approximate)	[kg/m ²]	4.45 ± 0.35	4.73 ± 0.37	4.87 ± 0.38
Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		0.15 (bitumen heavy foil)		
Thermal stability 2h	[°C]	90		
Cold resilience	[°C]	- 35 (bonded)		
Peel resistance	[N/mm]	> 0.3 (foam)		
Combustibility DIN 75200	[mm/min]	burn rate < 100		

Technical Data			
Type (M 1422/...)		30-2.1*	40-2.1
Thickness (approximate)	[mm]	32.1	42.1
Weight (approximate)	[kg/m ²]	5.1 ± 0.4	5.29 ± 0.43
Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		0.15 (bitumen heavy foil)	
Thermal stability 2h	[°C]	90	
Cold resilience	[°C]	- 35 (bonded)	
Peel resistance	[N/mm]	> 0.3 (foam)	
Combustibility DIN 75200	[mm/min]	burn rate < 100	

***Attention: Material thickness only available with black polyurethane-foil, but without protection foil.**

Technical Data Sheet

M 1422/-2.1

Technical Data			
Type (M 1422/...)		50-2.1	60-2.1
Thickness (approximate)	[mm]	52.1	62.1
Weight (approximate)	[kg/m ²]	5.83 ± 0.46	6.2 ± 0.5
Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		0.15 (bitumen heavy foil)	
Thermal stability 2h	[°C]	90	
Cold resilience	[°C]	- 35 (bonded)	
Peel resistance	[N/mm]	> 0.3 (foam)	
Combustibility DIN 75200	[mm/min]	burn rate < 100	

Main function: Airborne sound absorption (absorption), airborne sound insulation and structure-borne sound insulation (anti-drumming)

Applications: Sound insulating cabins, vehicle cabs, mechanical engineering etc.

Processing: The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
The protection foil must be removed after the assembly!
 Processing temperature: 18 - 25 °C

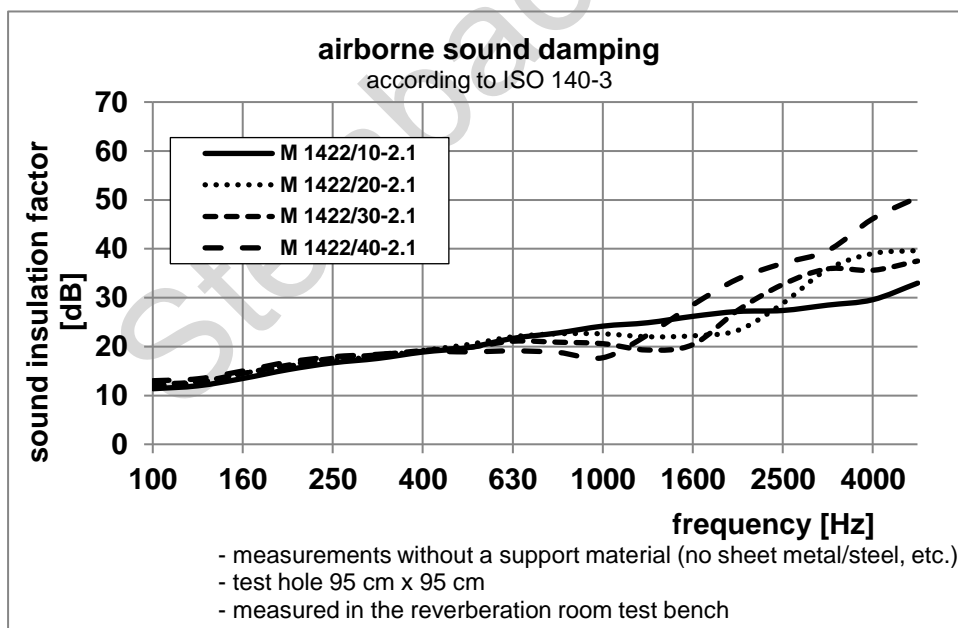
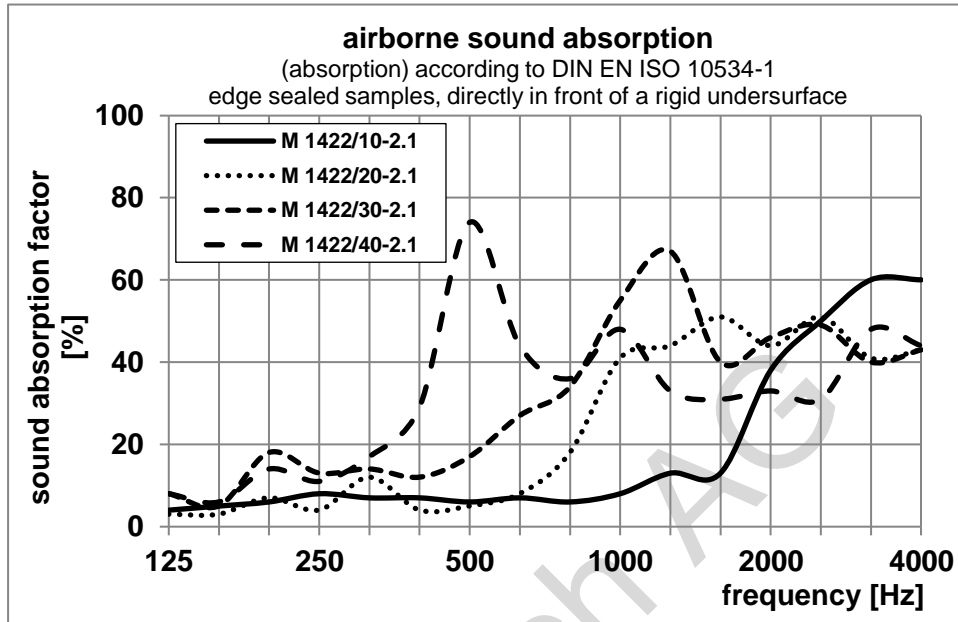
Specials: The surface is resistant against penetration and solubilization by oil, gasoline, diesel and water

Storage conditions: Dry at temperatures between 18 - 25 °C
 Max storage time: 3 months

Delivery forms: Standard boards 1,000 x 1,600 mm untrimmed,
 other sizes and cut-to-size pieces upon request

Technical Data Sheet

M 1422/-2.1



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.