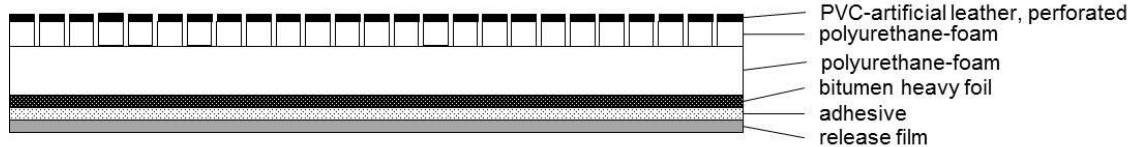


Technical Data Sheet

M 1148



M 1148 is a polyurethane-foam (polyether), covered with a perforated composite (thickness approx. 4 mm) of a polyurethane-foam (polyester) and a PVC-artificial leather as a protective and decorative surface, laminated on a heavy foil based on bitumen. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data				
Type (M 1148/...)		4-10-2.1 grey	4-15-2.1 grey	4-20-2.1 grey
Thickness (approximate)	[mm]	16.1 ± 2.0	21.1 ± 2.0	26.1 ± 2.0
Weight (approximate)	[kg/m ²]	5.1 ± 0.4	5.2 ± 0.4	5.25 ± 0.4
Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		0.13		
Thermal stability 24h	[°C]	80		
Cold resilience	[°C]	- 30 (bonded)		
Peel resistance	[N/mm]	> 0.3 (foam)		
Combustibility DIN 75200	[mm/min]	burn rate < 100		

Technical Data				
Type (M 1148/...)		4-25-2.1 grey	4-30-2.1 grey	4-40-2.1 grey
Thickness (approximate)	[mm]	31.1 ± 2.0	36.1 ± 2.0	46.1 ± 2.0
Weight (approximate)	[kg/m ²]	5.43 ± 0.4	5.56 ± 0.5	5.74 ± 0.5
Loss factor DIN EN ISO 6721-3: d _{200 Hz} at 20 °C		0.13		
Thermal stability 24h	[°C]	80		
Cold resilience	[°C]	- 30 (bonded)		
Peel resistance	[N/mm]	> 0.3 (foam)		
Combustibility DIN 75200	[mm/min]	burn rate < 100		

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

Applications: Mechanical engineering, plant construction, sound insulating cabins, vehicle cabs, sound absorbers etc.

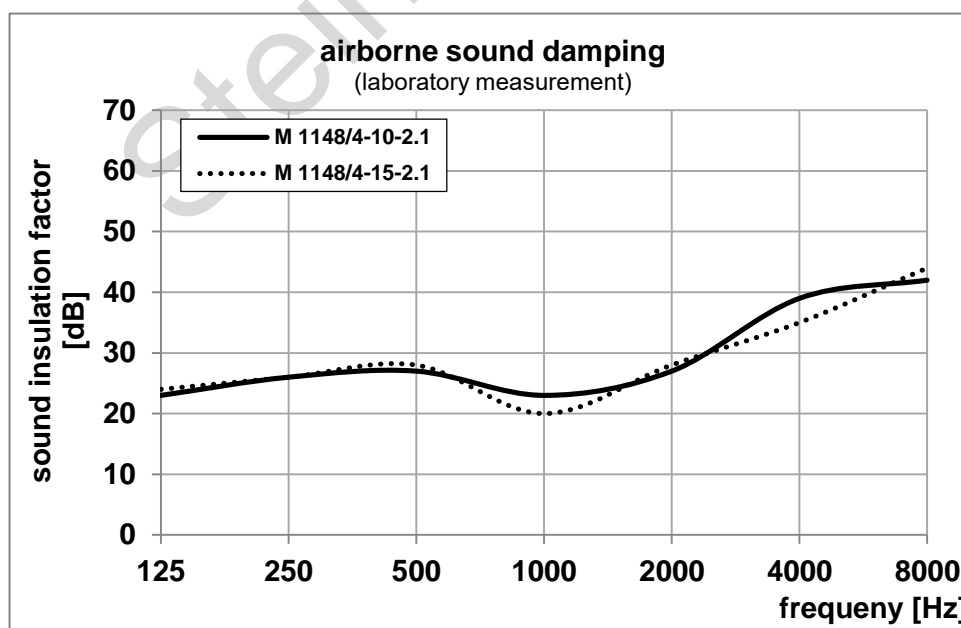
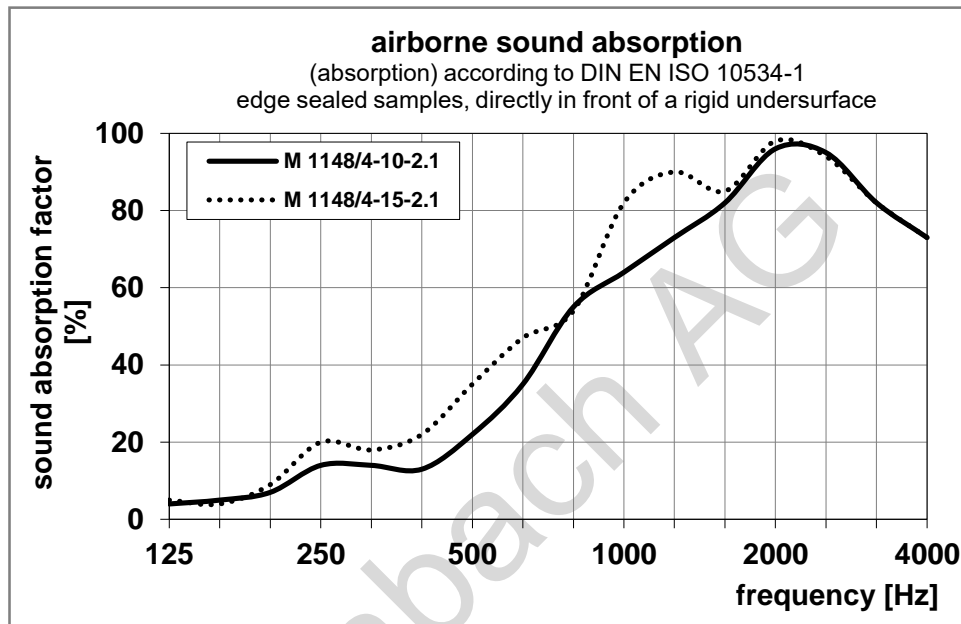
Processing: The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
 Processing temperature: 18 - 25 °C

Technical Data Sheet

M 1148

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



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.