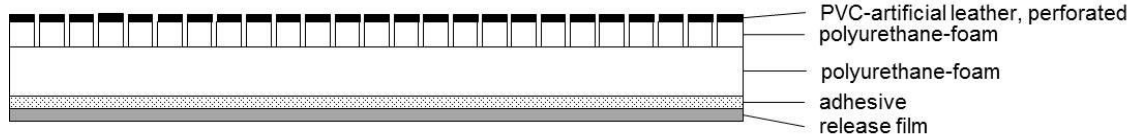


## Technical Data Sheet

## M 1165



M 1165 is a polyurethane-foam (polyether), covered with a perforated composite (thickness approx. 4 mm) of a grey polyurethane-foam (polyester) and a PVC-artificial leather as a protective and decorative surface. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

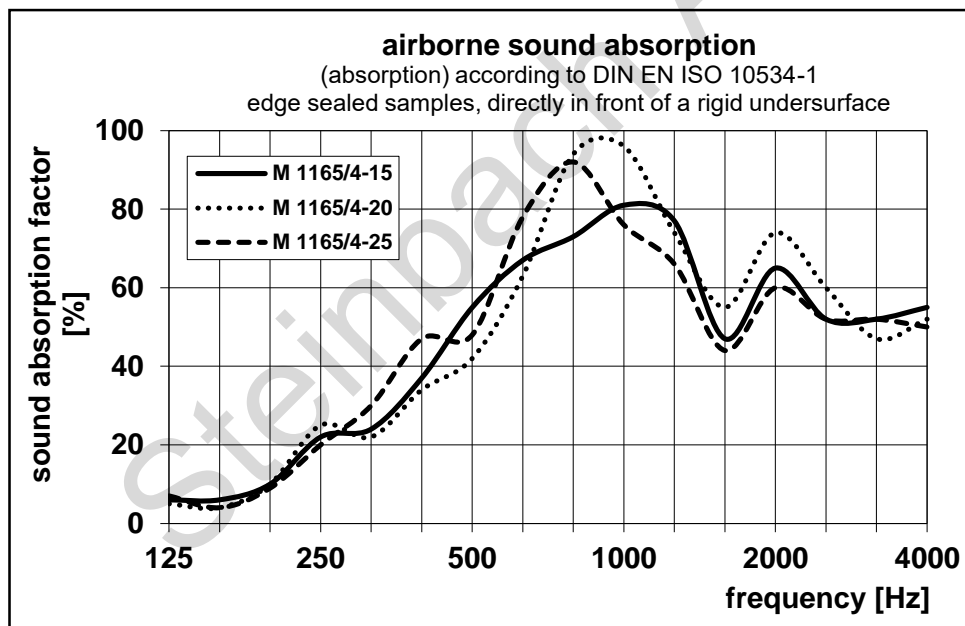
Technical Data				
Type (M 1165/...)		4-10	4-15	4-20
Thickness (approximate)	[mm]	14.0 ± 2.0	19.0 ± 2.0	24.0 ± 2.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.1 ± 0.11	1.2 ± 0.12	1.3 ± 0.13
Thermal stability 24h	[°C]	80		
Cold resilience	[°C]	- 30 (bonded)		
Peel resistance	[N/mm]	> 0.3		
Combustibility FMVSS 302	[mm/min]	burn rate < 100 (bonded)		

Technical Data					
Type (M 1165/...)		4-25	4-30	4-35	4-40
Thickness (approximate)	[mm]	29.0 ± 2.0	34.0 ± 2.0	39.0 ± 2.0	44.0 ± 2.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.43 ± 0.14	1.56 ± 0.16	1.84 ± 0.18	1.74 ± 0.18
Thermal stability 24h	[°C]	80			
Cold resilience	[°C]	- 30 (bonded)			
Peel resistance	[N/mm]	> 0.3			
Combustibility FMVSS 302	[mm/min]	burn rate < 100 (bonded)			

## Technical Data Sheet

## M 1165

- Main function:** Airborne sound absorption (absorption)
- Applications:** Sound insulating cabins, vehicle cabs, vehicle roofs 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
- Storage conditions:** Dry at temperatures between 18 - 25 °C  
Max storage time: 6 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.