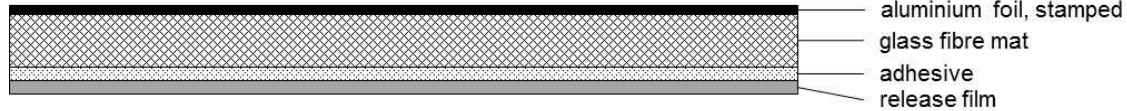


## Technical Data Sheet

## M 949



M 949 is a glass fibre mat, laminated with a stamped aluminium foil (thickness approx. 0.1 mm). Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data		
Thickness (approximate)	[mm]	7.0 ± 1.0
Weight (approximate)	[kg/m <sup>2</sup> ]	2.0 ± 0.25
Thermal stability during 2h	[°C]	180
Radiation heat on aluminium	[°C]	< 250
Cold resilience	[°C]	- 40 (bonded)
Heat conductivity ISO 8301	[W/mK]	0.035
Peel resistance	[N/mm]	> 0.5
Combustibility FMVSS 302	[mm/min]	SE (bonded)

**Main function:** Heat insulation

**Applications:** In the engine compartment, exhaust area, catalytic converters etc. especially in compound with the behaviour of radiation heat

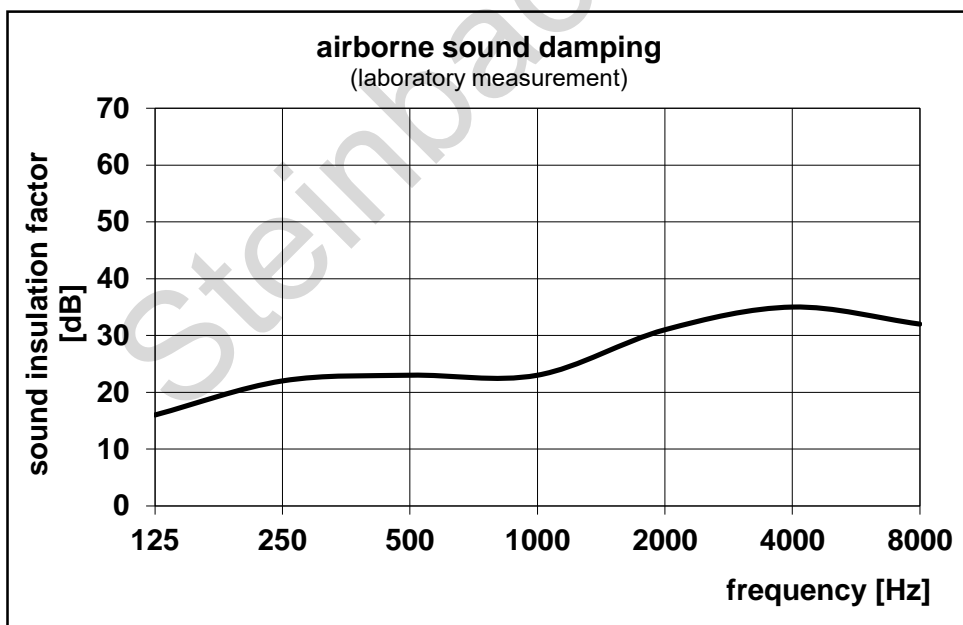
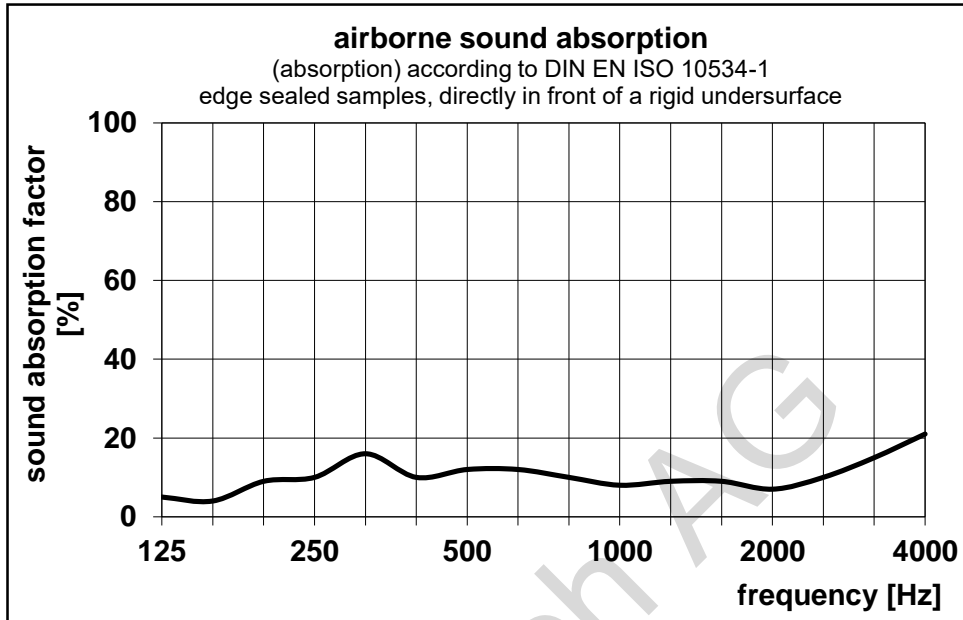
**Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.  
 Processing temperature: 18 - 25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

**Storage conditions:** Dry at temperatures between 18 - 25 °C  
 Stackability: 100 parts till 50 °C  
 Max storage time: 6 months

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

## Technical Data Sheet

## M 949



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.