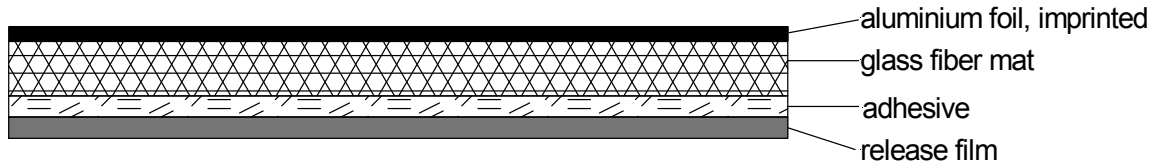


## Technical Data Sheet

## M 949



M 949 is a glass fiber mat lined with an imprinted aluminum foil (thickness approx. 0.1 mm). Self adhesive equipment with a high-quality adhesive system based on arcylate.

Technical Data		
Thickness (approximate)	[mm]	7.0
Weight (approximate)	[kg/m <sup>2</sup> ]	2.05
Thermal Stability Long Term	[°C]	180 Radiation Heat On Aluminum max. 250 °C
Cold Resilience	[°C]	- 40 °C (bonded)
Heat Transfer Resistance	[m <sup>2</sup> K/W]	0.2
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min
Burning Behavior DIN 5510-2		flammability class S 3 smoke emission class SR 2 dripping behavior class ST 2 FED ≤ 1 fulfilled (toxicity)

**Main Function:** Heat isolation and airborne sound absorption (absorption)

**Applications:** Mechanical engineering, vehicle construction, construction machinery etc.

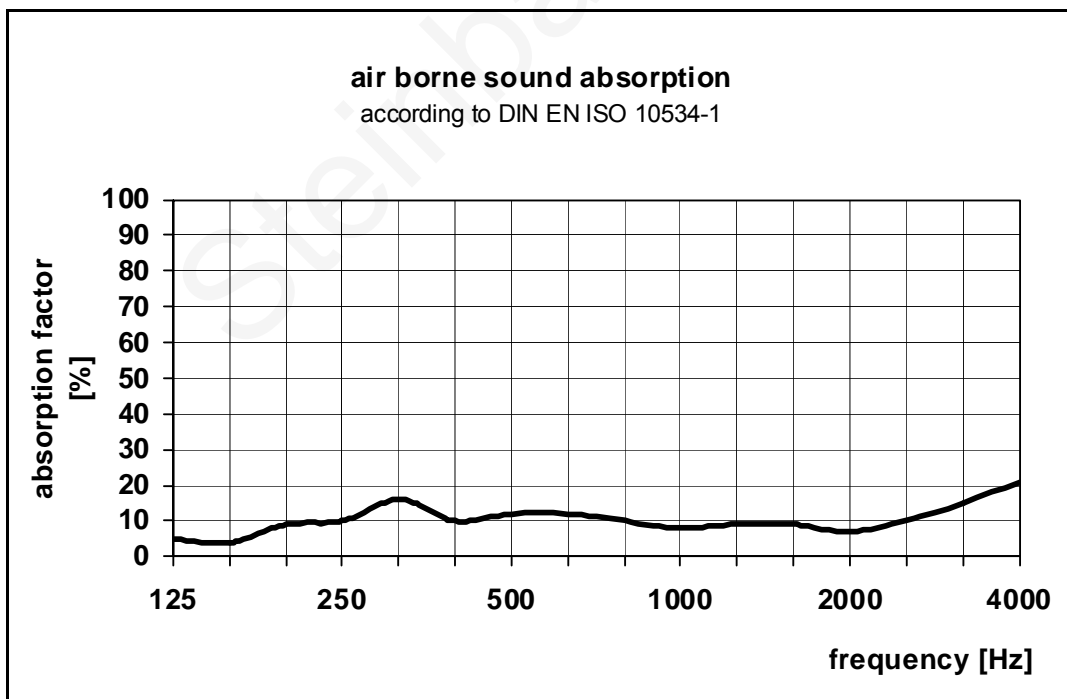
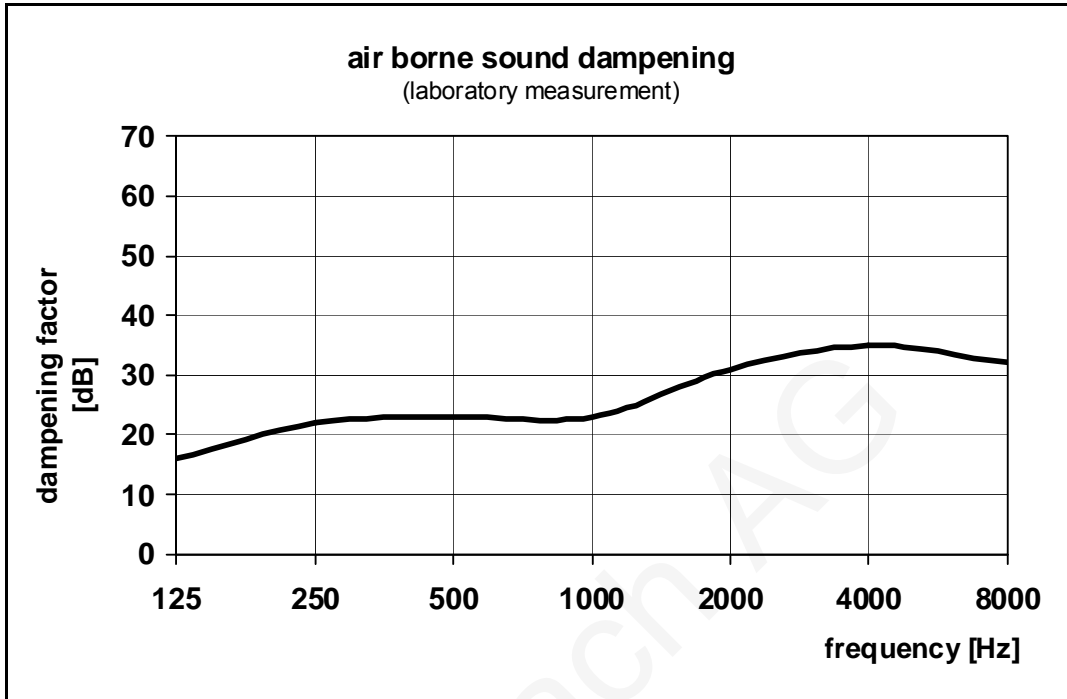
**Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.  
 Processing temperature: 18 - 25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

**Storage conditions:** Dry at temperatures between 18 - 35 °C  
 Max. storage time: 6 months

**Delivery Forms:** Standard boards 1000 x 1600 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.