

## Technical Data Sheet

## M 949a



M 949a is a glass fiber mat lined with an imprinted aluminum foil (thickness approx. 0.1 mm).

Technical Data		
Thickness (approximate)	[mm]	7.0
Weight (approximate)	[kg/m <sup>2</sup> ]	2.1
Thermal Stability Long Term	[°C]	180 Radiation Heat On Aluminum: max. 250
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		S 4, SR 2, ST 2

- Main Function:** Heat isolation and airborne sound absorption (absorption)
- Applications:** Mechanical engineering, vehicle construction, construction machinery etc.
- Processing:** Mechanical attachment  
 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

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.