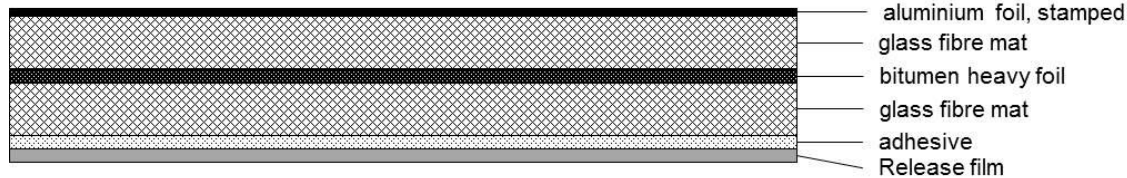


## Technical Data Sheet

## M 1019



M 1019 is a heavy foil based on bitumen, both sides laminated with glass fibre mats, the surface is covered with a stamped aluminium foil.  
 Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data		
Thickness (approximate)	[mm]	17.0 ± 1.0
Weight (approximate)	[kg/m <sup>2</sup> ]	9.76 ± 0.7
Thermal stability 2h	[°C]	90
Radiation heat on aluminium	[°C]	< 250
Cold resilience	[°C]	- 40 (bonded)
Heat conductivity	[W/mK]	0.035 (glass fibre mat)
Peel resistance	[N/mm]	> 0.5 (glass fibre mat)
Combustibility DIN 75200	[mm/min]	burn rate < 100
Burning behavior CEN/TS 45545-2 (07/2009)		flame spread CFE R1, HL3 rate of heat emission MARHE R1, HL3 smoke density R1, HL3 smoke toxicity CIT <sub>G</sub> R1, HL3

**Main function:** Airborne sound insulation, especially in conjunction with radiation heat

**Applications:** Mechanical engineering, plant construction, engine compartment.

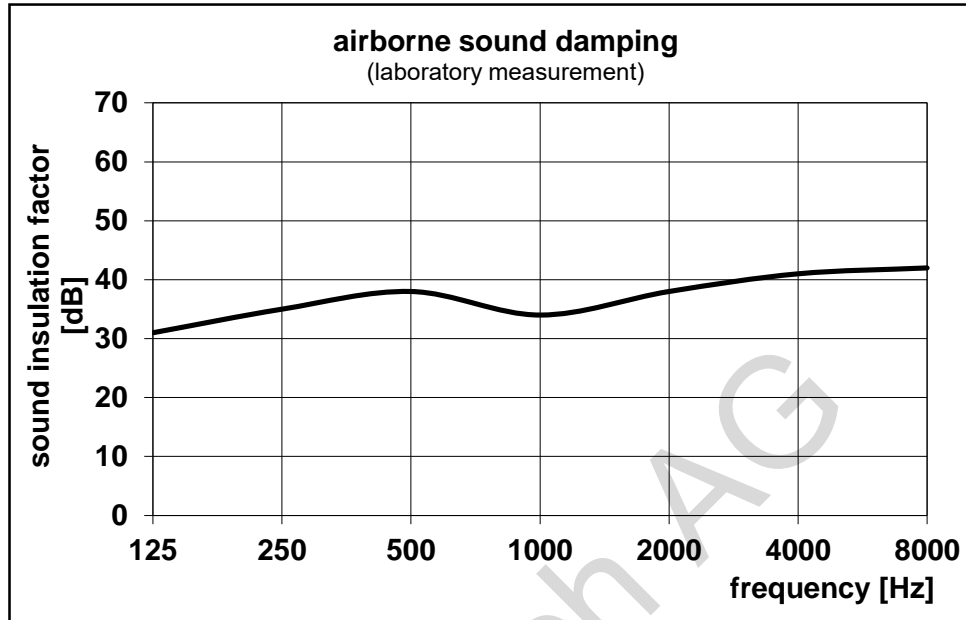
**Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.  
 Processing temperature: 18 - 25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

**Storage conditions:** Dry at temperatures between 18 - 25 °C  
 Max storage time: 6 months

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

## Technical Data Sheet

## M 1019



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.