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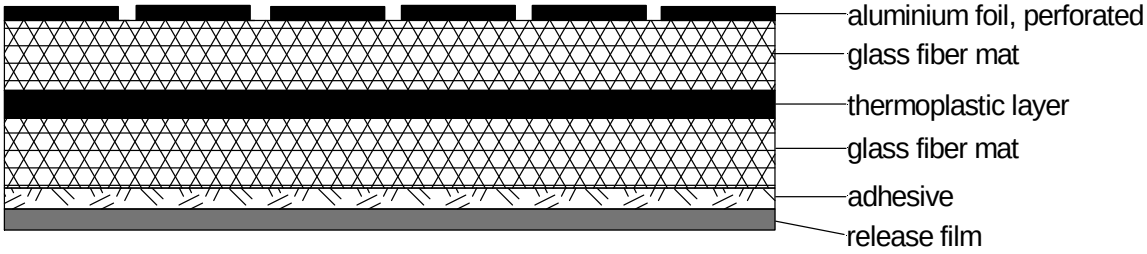
Technical Data Sheet M 1754



M 1754 is a multi-layer sandwich consisting of a thermoplastic layer based on bitumen lined on both sides with glass-fiber mats (7 mm), covered with a perforated aluminum foil (thickness approx. 0.09 mm, hole diameter approx. 1.5 mm, hole portion approx. 7 %). Self adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data		
Thickness (approximate)	[mm]	17.0
Weight (approximate)	[kg/m²]	10.1
Loss Factor DIN EN ISO 6721-3: $D_{200\ Hz}$ at 20 °C		0.07
Thermal Stability Long Term	[°C]	150 Radiation Heat on Aluminium: max. 250
Cold resilience	[°C]	- 40 °C (bonded)
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min

Main Function: Air borne sound absorption (sound absorption) and air borne sound damping

Applications: Mechanical engineering, vehicle construction, construction machinery, sound hoods, vehicle cabs, noise damper 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

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