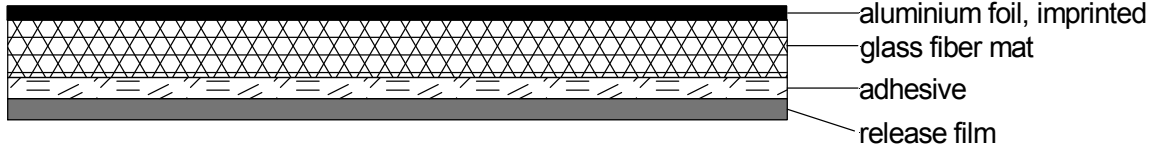


Technical Data Sheet

M 1797



M 1797 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 acrylate.

Technical Data		
Thickness (approximate)	[mm]	12.0
Weight (approximate)	[kg/m ²]	3.4
Thermal Stability Long Term	[°C]	180 Radiation heat on aluminum: max. 250
Cold Resilience	[°C]	- 40 (bonded)
Heat Transfer Resistance	[m ² K/W]	0.35
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min
Burning Behavior DIN 5510-2		flammability class S 4 smoke emission class SR 2 dripping behavior class ST 2 FED ≤ 1 fulfilled (toxicity)

Main Function: Heat isolation

Applications: Motor compartments, turbo, exhaust pipes, catalytic converters etc., especially when radiation heat occurs

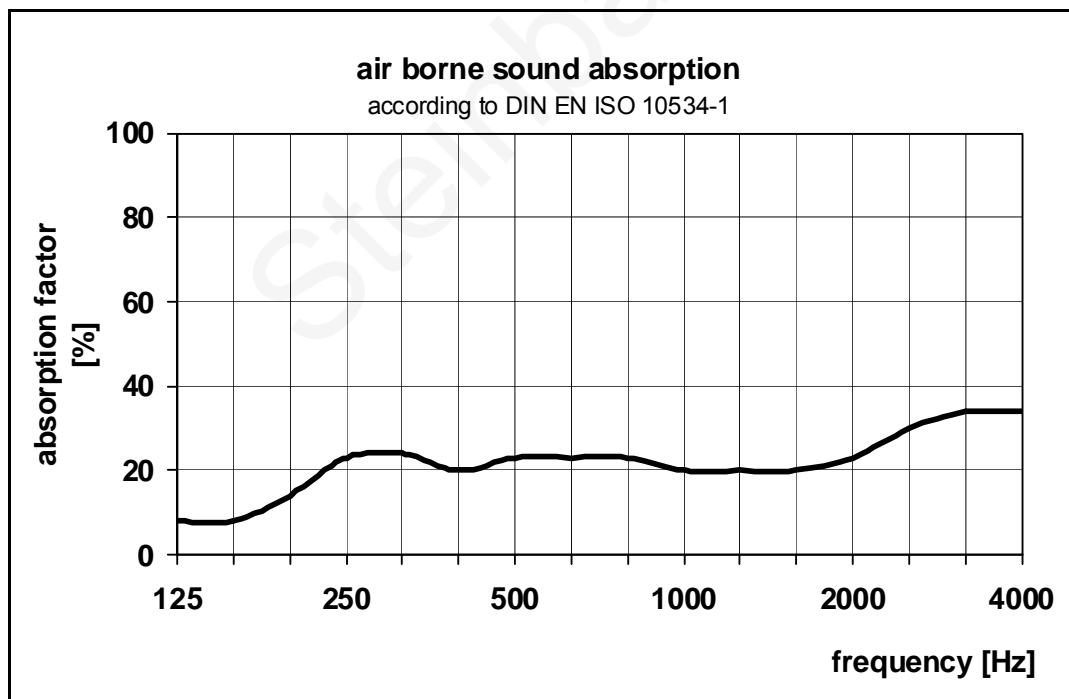
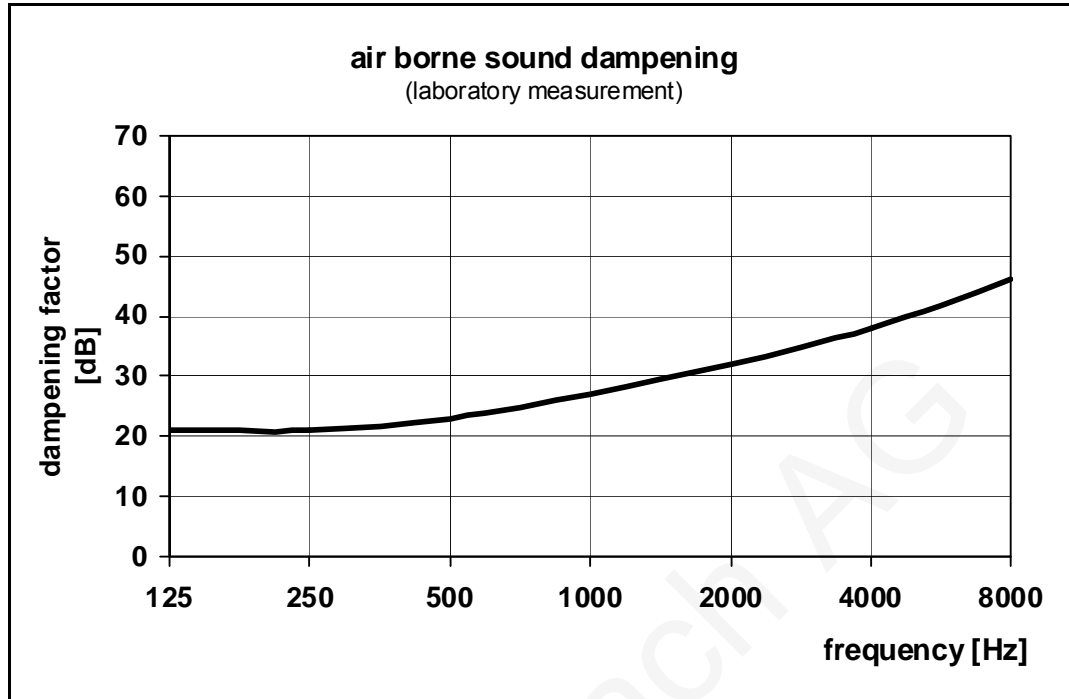
Processing: The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
 Processing temperature: 18 - 25 °C

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 1797



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.