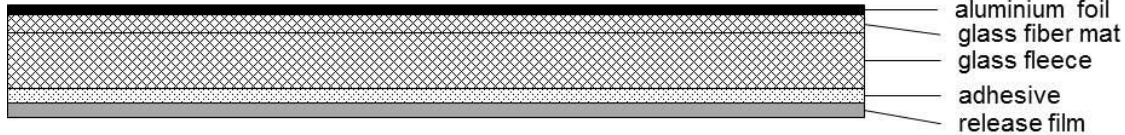


Technical Data Sheet

Isoglamat® 4/21 ALU



Isoglamat® 4/21 ALU is a combination of a quilted mat from e-glass-fibers (thickness approx. 4 mm) and a mechanically solidified needle fleece material from e-glass (thickness approx. 21 mm). The two glass fiber materials are binderless needled together. The product is laminated with aluminium foil (thickness approx. 100 µm). Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data		
Thickness (approximate)	[mm]	25.0
Weight (approximate)	[kg/m ²]	4.5
Thermal stability short term	[°C]	230
Thermal stability long term	[°C]	200
Cold resilience	[°C]	- 40 (bonded)
Heat conductivity (50 °C)	[W/mK]	0.049

Main function: Heat insulation

Applications: In the engine compartment, with turbochargers, catalytic converters, furnace, heaters 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 - 25 °C
Max. storage time: 6 months

Delivery forms: Standard boards 1000 x 1000 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.