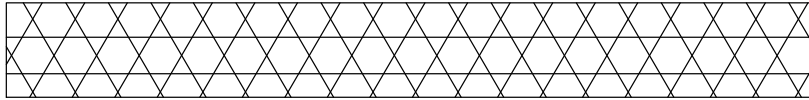


Technical Data Sheet

Glass fiber mats/-a



glass fiber mat

Glass fiber mats/ -a are quilted mats on basis of a mechanically solidified needle fleece material out of e-glass according to DIN 1259.

Technical Data					
Type (Glass fiber mats...)		800a	1500a	2500a	2900a
Thickness (approximate)	[mm]	4.0	6.0	10.0	12.0
Weight (approximate)	[kg/m ²]	0.8	1.5	2.5	2.9
Density (approximate)	[kg/m ³]	200.0	250.0	250.0	240.0
Thermal Stability Long Term	[°C]	500 (Glass Fiber) 180 (Quilting Thread)			
Thermal Stability Short Term	[°C]	600			
Heat Conductivity	[W/mK]	0.047 (at 100 °C) 0.069 (at 250 °C)			
Vibration Behavior		Resilient			
Physiology		Not Dangerous			
Toxicology		Not Dangerous			
Diameter of Fibers	[µm]	> 6			
Burning Behavior		Non-inflammable			

Main Function: Heat insulation, sound absorption

Application: Heaters, furnaces, foundry devices, exhaust systems, catalytic converters etc.

Processing: Mechanical attachment
 Cut with shears, knives etc.
 Processing temperature: 18 - 25 °C

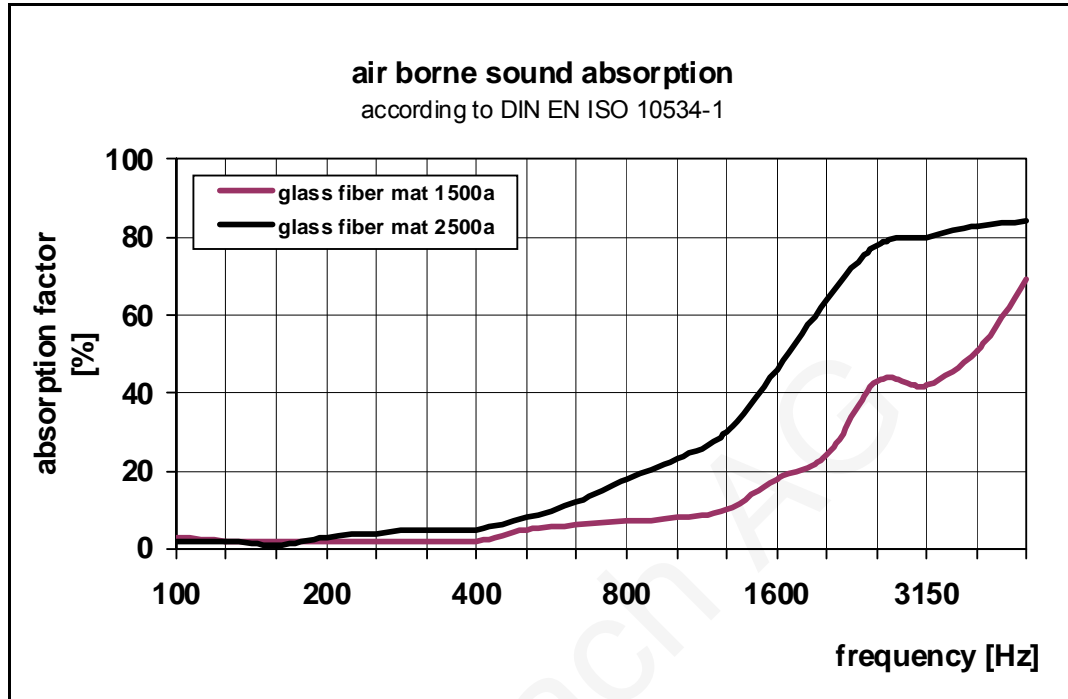
Option: Self adhesive for installation,
 lining with foils of aluminum or high-grade steel,
 high temperature sewing thread (consistent to 1000 °C),
 other thicknesses and qualities on request

Storage conditions: Dry at temperatures between 18 - 35 °C
 Max. storage time: unlimited

Delivery Form: Rolls, roll length 10 lm. or water jet cutting

Technical Data Sheet

Glass fiber mats/-a



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.