

Technical Data Sheet

S 3525a/...-AL0,1



S 3525a/...-AL0,1 is a very lightweight, fibrous mineral foam with fine-pored cell structure, free of asbestos and organic binders, laminated with an aluminium coarse-grain foil (thickness approx. 100 µm).

Technical Data		
Type (S 3525a/...-AL0,1)		10
Thickness (approximate)	[mm]	10.0 ± 1.0
Weight (approximate)	[kg/m ²]	0.35
Density	[kg/m ³]	35.0
Melting point	[°C]	> 1000
Thermal stability	[°C]	825
Water vapour permeability	[µ]	7
Thermal conductivity at 50 °C at -80 °C	[W/mK]	0.045 0.026
Thickness reduction at 825 °C, volume loss	[%]	5
Combustibility DIN 4102		A1 (non-flammable)

Main function: Heat insulation

Applications: Construction industry, cabin lining, mechanical engineering, plant construction, vehicle cabins, impact protection etc.

Processing: Mechanical attachment
 Adhesion with liquid adhesive
 Processing temperature: 18 - 25 °C

Storage conditions: Dry at temperatures between 18 - 25 °C
 Max storage time: unlimited

Delivery forms: Standard boards 1,000 x 1,000 mm untrimmed,
 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.