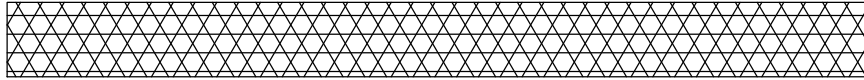


## Technical Data Sheet

## Basalt Fleece/-a



basalt fleece

Basalt Fleece/ -a is a mechanically bonded fleece material on backing of textile basalt fibers.

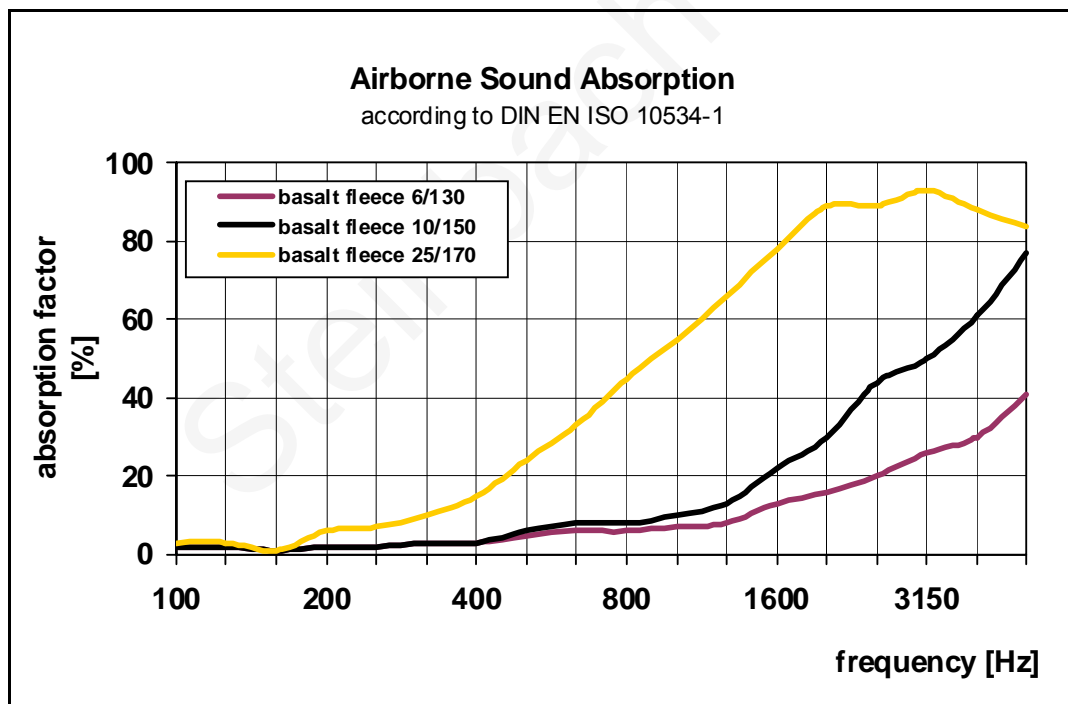
Technical Data				
Type (Basalt Fleece)		4/160a	6/130a	10/150a
Thickness (approximate)	[mm]	4.0	6.0	10.0
Weight (approximate)	[kg/m <sup>2</sup> ]	0.64	0.78	1.5
Density (approximate)	[kg/m <sup>3</sup> ]	160.0	130.0	150.0
Thermal Stability Long Term	[°C]	700		
Thermal Stability Short Term	[°C]	750		
Heat Conductivity (Density 150)	[W/mK]	0.041 (at 200 °C) 0.155 (at 600 °C)		
Vibration Behavior		Resilient		
Physiology		Not Dangerous		
Toxicology		Not Dangerous		
Basalt Fiber Diameter	[µm]	10 - 17		
Burning Behavior		Non-inflammable		

Technical Data				
Type (Basalt Fleece)		12/150a	20/150a	25/170a
Thickness (approximate)	[mm]	12.0	20.0	25.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.8	3.0	4.25
Density (approximate)	[kg/m <sup>3</sup> ]	150.0	150.0	170.0
Thermal Stability Long Term	[°C]	700		
Thermal Stability Short Term	[°C]	750		
Heat Conductivity (Density 150)	[W/mK]	0.041 (at 200 °C) 0.155 (at 600 °C)		
Vibration Behavior		Resilient		
Physiology		Not Dangerous		
Toxicology		Not Dangerous		
Basalt Fiber Diameter	[µm]	10 - 17		
Burning Behavior		Non-inflammable		

## Technical Data Sheet

## Basalt Fleece/-a

- Main Function:** Heat insulation, sound absorption
- Applications:** Heaters, furnaces, foundry devices, exhaust systems, catalytic converters etc.
- Processing:** Mechanical attachment  
Cut with shears, knives etc.  
Processing temperature: 18 - 25 °C
- Options:** Self adhesive for installation,  
Aluminum foil lining,  
needling free of bonding agent with silica fleece and silica fabric,  
other thicknesses and grades upon 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



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.