

Technical specification

Basotect

Description An insulation lining to protect against noise, fire and heat. Open-pored, fire-retardant foam product in sheet form on basis of melamine-formaldehyde resin which is a duroplastic synthetic material within the group of aminoplastic resins.

Properties	Unit	Value	Test method
Colour		white	
Density	kg/m ³	9+2/-1	
Compressive strength			
At 10 % compressive strain	kPa	5 – 20	DIN 53421
At 10 % compressive strain	N	>45	DIN 53421
Tensile strength	kPa	> 120	DIN 53571
Elongation	%	> 10	DIN 53571
Compression set			
After 72h, 23°C, compression 50 %		10 – 30	DIN 53572
After 72h, 70°C, compression 25 %		10 – 20	DIN 53572
Temperature resistance			
Permanent	°C	-60/+120	
Short time	°C	+250	
Water vapour resistance	My	Approx. 2	DIN 52615
Thermal conductivity - 10°C	W/mK	< 0,035	DIN 53612
Fire resistance		UL 94 – 94 V-0	
Storage (dry, moistness, and cool environment)	°C	+5/+25	

This specification is given by our best knowledge and might be submitted to changes.