

Product name

Sound absorbing slabs ACOUSTIC BATTS

Product description

ACOUSTIC BATTS are sound absorbing slabs, made of basalt mineral wool. Material optimal density (40 kg/m³), chaotic lay-out of fiber and slabs homogeneous structure ensure excellent sound absorbent properties

Application

ACOUSTIC BATTS applied as a middle layer in framed partitions and faceworks, and for additional acoustic insulation of ceilings. The material meets all requirements to sound absorbent materials. Application ACOUSTIC BATTS in structures considerably improves their soundproof properties

Size (mm)

Length Width Thickness
1000 600 50-200

Technical specifications

- Density 40 kg/m³
- Compressibility – not more than 12%
- Water absorption – not more than 1,5 % by volume
- Fire dangers rating – KM0
- Thermal conductivity in dry condition, λ W/(m·K), not more than

$\lambda_{10}=0,035$

$\lambda_{25}=0,037$

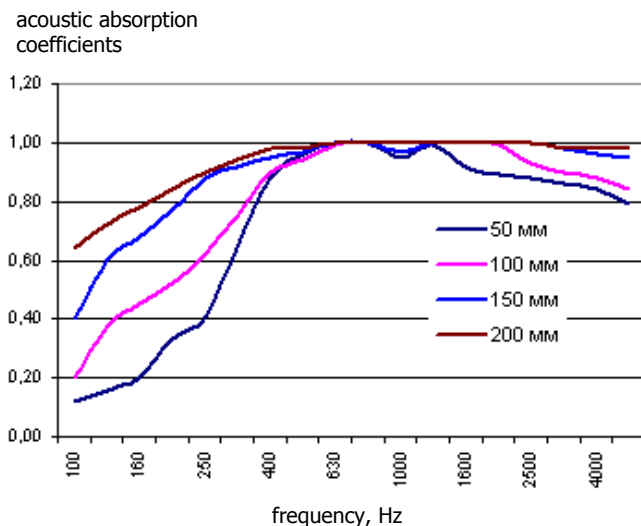
Design values

$\lambda_A=0,039$

$\lambda_B=0,042$

Frequency characteristics of reverberation acoustic absorption coefficients of ACOUSTIC BATTS slabs

Average values, assigned class of sound absorbing material (HCB) of ACOUSTIC BATTS slabs



Thickness of ACOUSTIC BATTS	Average acoustic absorption coefficient	Assigned class	
50	0,23	H	3
	0,96	C	1
	0,87	B	1
100	0,40	H	2
	0,97	C	1
	0,94	B	1
150	0,63	H	2
	0,97	C	1
	0,98	B	1
200	0,75	H	2
	0,99	C	1
	0,99	B	1