

ACOUSTIC PANEL

TECHNICAL DATA SHEET

August 2018

The Acoustic Panel is the latest acoustic development in the ShowTex product range. This durable panel ensures excellent sound performance and is ideal for fixed installations.

STEEL FRAME

ShowTex Acoustic Panels are mounted in a steel frame with overall dimensions of 120 x 60 x 4.5 cm. The panels can easily be connected to each other using rivet nuts or hung vertically from the ceiling.

RECYCLED COTTON FILLING

The acoustic filling of the panel is made from cotton fabric remnants that are shredded and treated with flame retardants. The filling is then pressed into sound dampening matting for the Acoustic Panel. Finished with fabric on both sides of the recycled core, the Acoustic Panel is available in a range of standard colours. Other colours are available on request.

SOUND ABSORBING

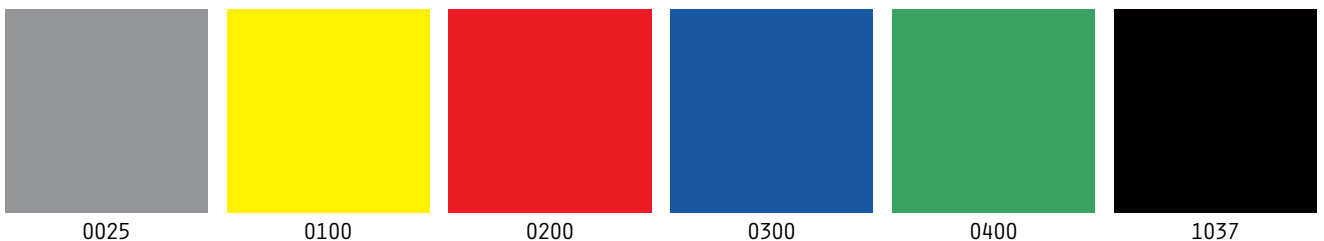
ShowTex Acoustic Panels have a sound absorption coefficient of 1.00! Ideal for schools, offices, congress halls, recording studios and so much more.

» ARTICLE CODE 8185 8000 #	» WIDTH 60 cm	» LENGTH 120 cm
» WEIGHT 6.4 kg	» THICKNESS 45 mm	



» FLAME RESISTANCE (ONLY BLACK) DIN 4102	CLASS B2
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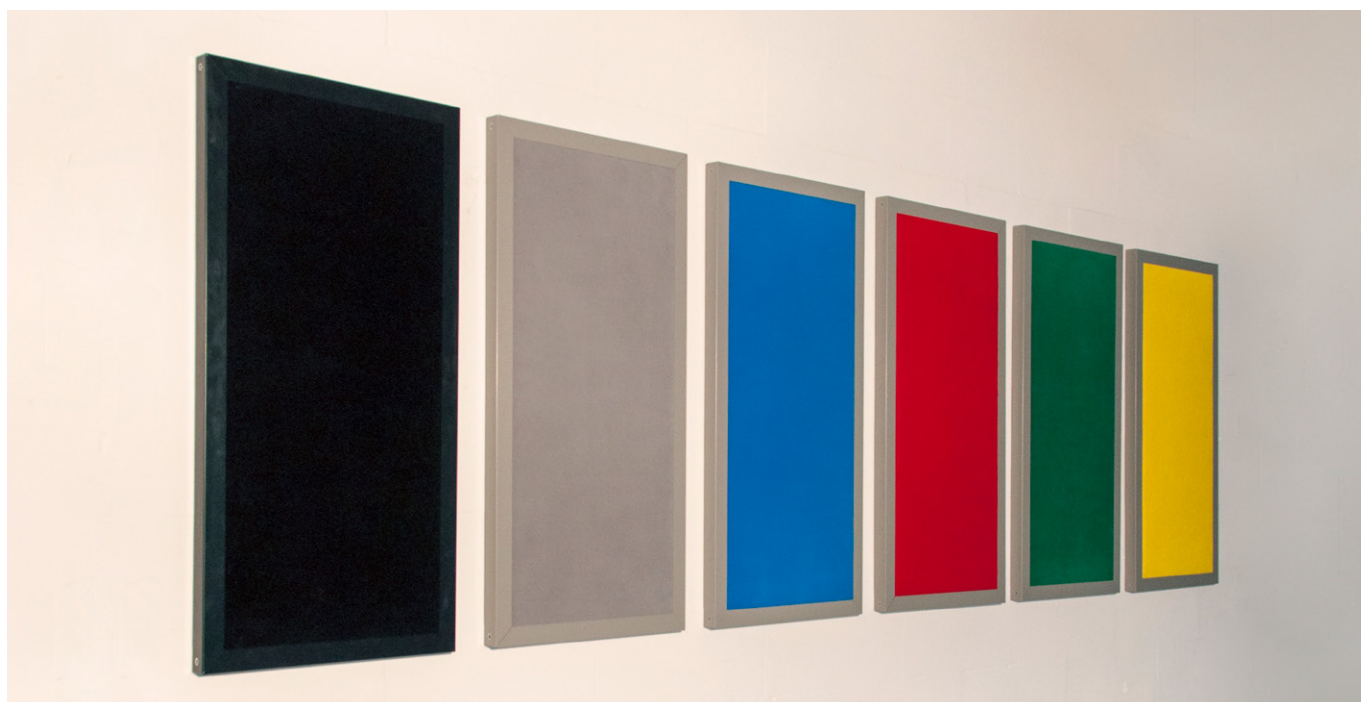
» AVAILABLE COLOURS



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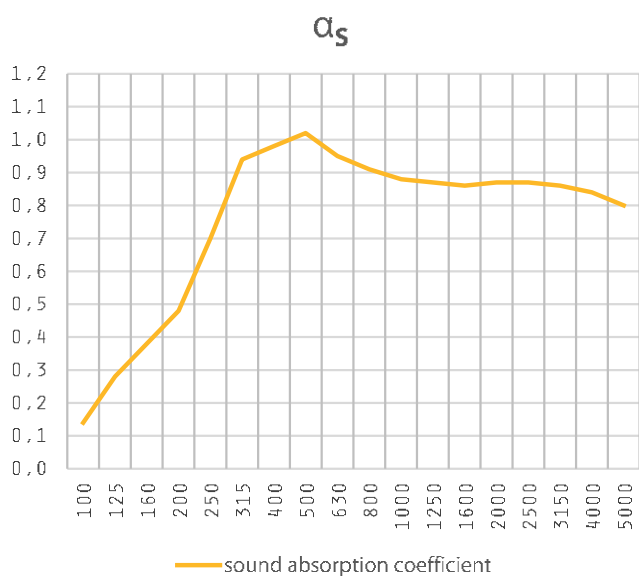
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SOUND ABSORPTION

15 pieces joined together, straight on the floor



f(Hz)	α_s
100	0,14
125	0,28
160	0,38
200	0,48
250	0,70
315	0,94
400	0,98
500	1,02
630	0,95
800	0,91
1000	0,88
1250	0,87
1600	0,86
2000	0,87
2500	0,87
3150	0,86
4000	0,84
5000	0,80

ISO 11654

$\alpha_w = 0.90$