



THERMATEX[®] Acoustic Medical

THERMATEX[®] Acoustic Medical is a 19 mm thick ceiling tile made from a special perforated mineral board with an acoustic fleece facing. The combination of high density, bio-soluble mineral wool with clay and starch provides excellent physical characteristics, particularly for acoustic performance.



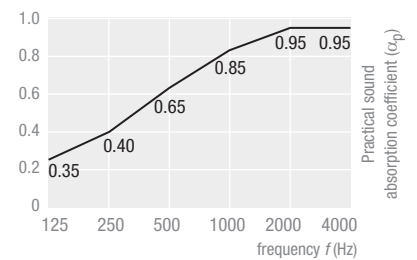
Technical performance

Building material class	A2-s1, d0 as per EN 13501-1 Class A as per ASTM E1264 (tested according to ASTM E84)
Sound absorption	$\alpha_w = 0.65$ (H) as per EN ISO 11654 and EN ISO 354 $NRC = 0.70$ as per ASTM C423 and ASTM E1264
Sound attenuation	$D_{n,c,w} = 38$ dB as per EN 717-1 and EN 20140-9 (19 mm thickness, according to test certificate)
Light reflectance	up to 88 %
Thermal conductivity	$\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
Humidity	up to 95% RH
Air Permeability	PM1 (30 m ³ /hm ²) as per DIN 18177
Clean room classification	ISO-class 4 as per ISO 14644-1
Hygiene	anti-microbial treatment against bacteria and fungi
Scrubability	tested as per ASTM D2486 (modified)
Washability	tested as per ASTM D4828 (modified)
Colour	white similar to RAL 9010

Sealed edges ✓

System	<p>C Exposed Grid System, demountable ceiling</p> <p>F Free span system, with exposed or concealed suspension</p> <p>I Bandraaster system, with exposed or concealed suspension</p> <p>A Concealed system, panels demountable / not demountable</p>
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Sound absorption data



Available dimensions, edge details	Thickness / Weight 19 mm (c. 4,6 kg/m ²)			
	SK	VT 15/24	VT-S 15/24	AW/GN
Please note minimum quantities and delivery times.				
600 x 600	✓	✓	✓	✓
600 x 1200	✓	✓	✓	✓
plank sizes available on request	✓	✓	✓	✓