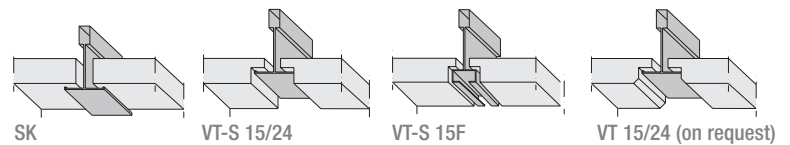




THERMATEX Alpha Medical

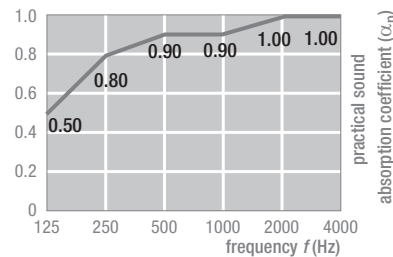
THERMATEX Alpha Medical is a mineral ceiling tile providing high sound absorption. The light weight and perforations of the core board create Class A sound absorber. With a strong white surface the appearance of THERMATEX Alpha Medical is smooth and elegant. New generation bio-soluble mineral wool, clay and starch, contribute to the excellent acoustic performance.

SYSTEM	Exposed Grid System, demountable ceiling
Dimensions	600 x 600 mm, 600 x 1200 mm further sizes available on request
Thickness / Weight	19 mm (c. 3.0 kg/m <sup>2</sup> )
Colour	White similar to RAL 9010
Edge details	SK, VT-S 15/24, VT-S 15F, VT 15/24 (on request)



TECHNICAL PERFORMANCE

Building material class	A2-s1, d0 as per EN 13501-1 Class A as per ASTM E1264 (tested according to ASTM E84)
Classification of acoustic ceiling systems:	
Sound absorption	$\alpha_w = 0.95$ as per EN ISO 11654 and EN ISO 354 $NRC = 0.90$ as per ASTM C423 and ASTM E1264
Sound attenuation	$D_{n,f,w} = 28$ dB as per EN 717-1 and EN 10848 (19 mm thickness, according to test certificate)
Light reflectance	up to 88%
Thermal conductivity	$\lambda = 0.040$ W/mK as per EN 12667
Humidity	Up to 95% RH
Permeability	PM1 (30 m <sup>3</sup> /hm <sup>2</sup> ) 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)



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All information provided is based on current technical data. Further relevant test reports, assessments and installation guidelines are available. All system details conform with current standards and are based on the use of AMF products and system components. AMF accepts no liability or responsibility for use of third party components, or for any variations to conditions stipulated in test data. Mixing of production batches is not recommended.

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