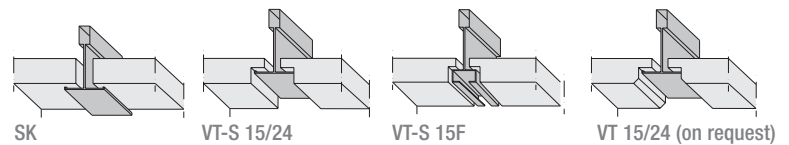
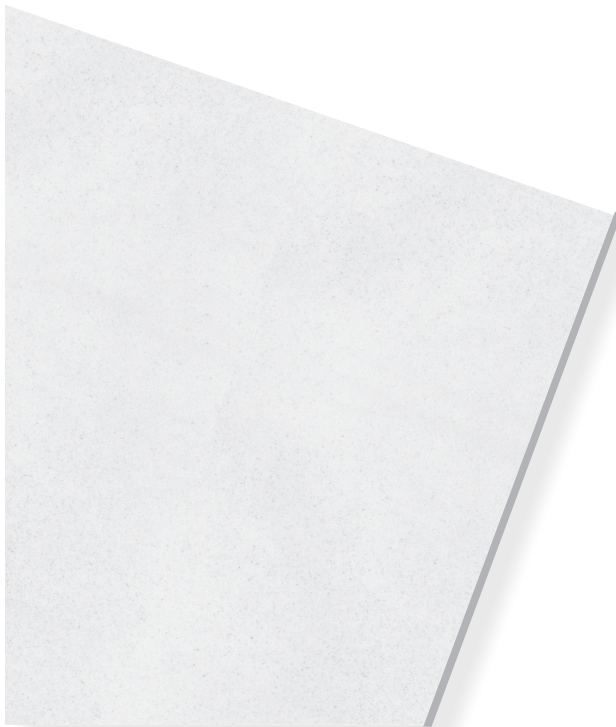


## THERMATEX dB Alpha Medical

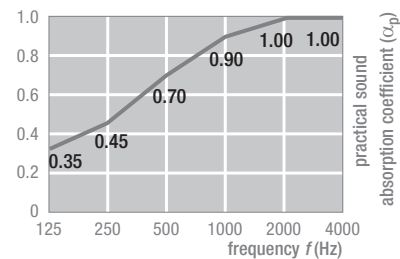
THERMATEX dB Alpha Medical is a mineral ceiling tile providing high sound absorption. The light weight and perforations of the core board create Class A sound absorber. With a strong white surface the appearance of THERMATEX dB Alpha Medical is smooth and elegant. New generation bio-soluble mineral wool,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

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 600 x 1200 mm
Thickness / Weight	■ 22 mm (c. 5.5 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	■ $NRC = 0.80$ as per ASTM C423 and ASTM E1264
Sound attenuation	■ $D_{n,f,w} = 38$ dB as per EN 717-1 and EN 10848 $CAC = 40$ dB as per ASTM E413-1 and ASTM E1264 (22 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
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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