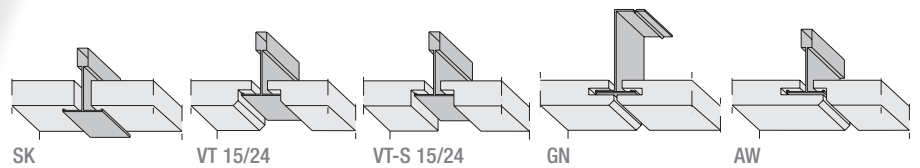


THERMATEX Acoustic Medical

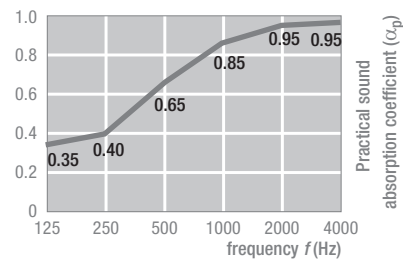
THERMATEX Acoustic Medical is a 19 mm thick ceiling tile made from a special perforated mineral board with an acoustic fleece facing. The combination of high density, bio-soluble mineral wool with clay and starch provides excellent physical characteristics, particularly for acoustic performance.

- SYSTEM**
- C** Exposed Grid System, demountable ceiling
  - F** Free span system, with exposed or concealed suspension
  - I** Bandraster system, with exposed or concealed suspension
  - A** Concealed system, panels demountable / not demountable
- Dimensions**
- 600 x 600 mm, 600 x 1200 mm plank sizes available on request
- Thickness / Weight**
- 19 mm (c. 4.6 kg/m<sup>2</sup>)
- Colour**
- White similar to RAL 9010
- Edge details**
- SK, VT 15/24, VT-S 15/24, AW, GN



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**
- $\alpha_{w} = 0.65(H)$  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 certificates)
- Light reflectance**
- up to 88%
- Thermal conductivity**
- $\lambda = 0.052 - 0.057$  W/mK as per DIN 52612
- Humidity**
- Up to 95% RH
- Permeability**
- PM1 (30 m<sup>3</sup>/hm<sup>2</sup>) as per DIN 18177
- Clean room classificaton**
- 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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