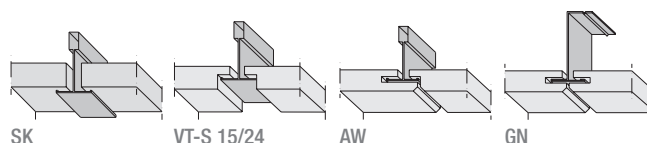


THERMATEX® Aquatec Medical



■ Thanks to its special composition, THERMATEX® Aquatec shows moisture resistance of up to 100% RH. This means that even with a high humidity and temperatures between 0 and 40°C the panel is inherently stable at all times. If necessary, THERMATEX® Aquatec can be cleaned using water*. Additionally, thanks to good sound absorption, the ceiling panel shows excellent acoustic features, which makes it a perfect solution for areas with strict hygiene requirements.

SYSTEM	C Exposed Grid System, demountable ceiling A Concealed system, panels demountable
Dimensions	■ 600 x 600 mm
Thickness / Weight	■ 19 mm (c. 5.2 kg/m²)
Colour	■ White similar to RAL 9010
Edge details	■ SK, VT-S 15/24, AW/GN

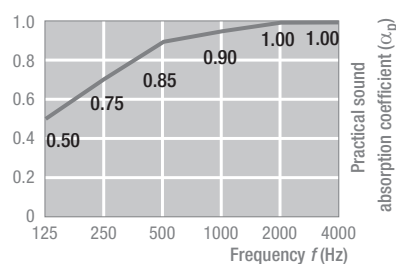


TECHNICAL PERFORMANCE

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	■ $\alpha_W = 0.90$ 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 ISO 10848 $CAC = 28$ dB as per ASTM E413-1 and ASTM E1264 (19 mm thickness, according to test certificate)
Sound insulation	■ $R_w = 22$ dB as per EN ISO 10848 (15 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 100% RH
Air permeability	■ PM1 (≤ 30 m³/hm²) as per DIN 18177
Clean room classification	■ class 3 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)



*Pressure cleaning is only possible for ceilings installed on exposed grid (SK edge detail) and with a corrosion resistant grid system. The full cleaning guidelines need to be adhered to.



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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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