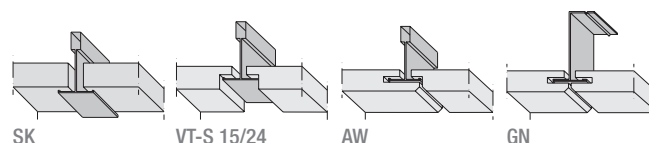


THERMATEX® Aquatec



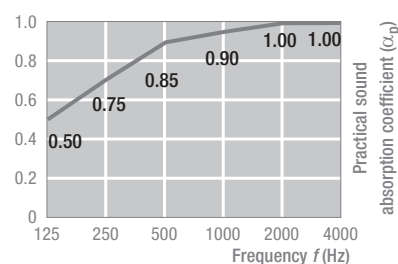
■ THERMATEX® Aquatec is the optimum solution for rooms with high humidity. Due to its special composition it is humidity resistant up to 100% RH. This means it is permanently form stable, even with constant humidity and temperatures from 0 to 40°C. In addition, it also displays excellent sound absorption performance. Its washable surface and discreet, high quality design make it the ideal solution for hygiene areas.

SYSTEM	<p>■ C Exposed Grid System, demountable ceiling</p> <p>■ A Concealed system, panels demountable / non demountable</p>
Dimensions	■ 600 x 600 mm, 625 x 625 mm,
Please note	■ The minimum quantities according to the price list!
Thickness / Weight	■ 19 mm (c. 5.2 kg/m²)
Colour	■ White similar to RAL 9010
Edge details	■ SK, VT 15/24, AW, GN



TECHNICAL PERFORMANCE

Building material class	■ A2-s1, d0 as per EN 13501-1
Fire resistance	<p>■ F30 - F120 as per DIN 4102 part 2 (as per test certificate)</p> <p>■ REI30 - REI120 per EN 13501 part 2 (as per test certificate)</p>
Sound absorption	<p>■ EN ISO 354</p> <p>■ $\alpha_w = 0.90$ as per EN ISO 11654</p> <p>■ $NRC = 0.90$ as per ASTM C 423</p>
Sound attenuation	<p>■ $D_{n,f,w} = 28$ dB as per EN ISO 10848</p> <p>(19 mm thickness, according to test certificate)</p>
Sound insulation	<p>■ $R_w = 16$ dB as per EN ISO 10848</p> <p>(15 mm thickness, according to test certificate)</p>
Light reflectance	■ Up to 88%
Thermal conductivity	■ $\lambda = 0.040$ W/mK as per EN 12667
Air permeability	■ PM1 (≤ 30 m³/hm²) as per DIN 18177
Humidity	■ Up to 100% RH
Clean room classification	■ class 3 as per ISO 14644-1



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