

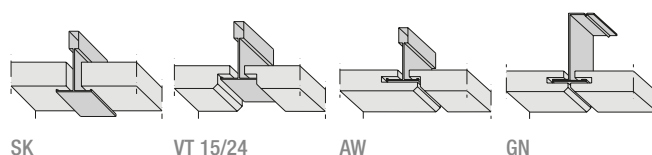


## THERMATEX® Schlicht / Plain



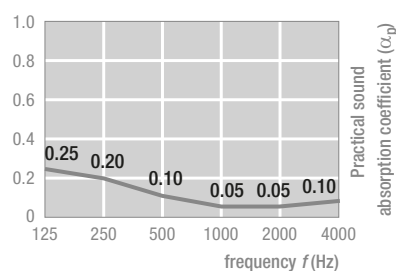
■ THERMATEX® ceiling tiles are made of modern, bio-soluble mineral wool, perlite, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance.

<b>SYSTEM</b>	<ul style="list-style-type: none"> <li>■ <b>C</b> Exposed Grid System, demountable ceiling</li> <li>■ <b>F</b> Free span system, with exposed or concealed suspension</li> <li>■ <b>I</b> Bandraster system, with exposed or concealed suspension</li> <li>■ <b>A</b> Concealed system, panels demountable / non demountable</li> </ul>
<b>Dimensions</b>	■ 600 x 600 mm, 625 x 625 mm, plank sizes available on request
<b>Thickness / Weight</b>	■ 15 mm (c. 4.0 kg/m <sup>2</sup> ) 19 mm (c. 5.3 kg/m <sup>2</sup> )
<b>Colour</b>	■ White similar to RAL 9010
<b>Edge details</b>	■ SK, VT 15/24, AW, GN



### TECHNICAL PERFORMANCE

<b>Reaction to fire</b>	■ A2-s1, d0 as per EN 13501-1
<b>Fire protection</b>	■ Up to 60 minutes as per BS 476: parts 20 - 23 (according to test certificate)
<b>Sound absorption</b>	■ EN ISO 354 $\alpha_{W} = 0.10(L)$ as per EN ISO 11654 $NRC = 0.10$ as per ASTM C 423
<b>Sound attenuation</b>	■ $D_{n,t,w} = 34$ dB as per EN ISO 10848 (15 mm thickness, according to test certificate)
<b>Light reflectance</b>	■ Up to 92%
<b>Thermal conductivity</b>	■ $\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
<b>Humidity</b>	■ Up to 95% RH
<b>Clean room classification</b>	■ ISO - Class 4 (as per ISO 14644-1)



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