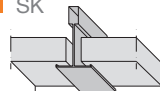


THERMATEX® Fine Stratos micro

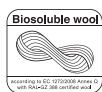
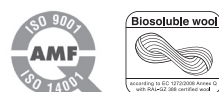
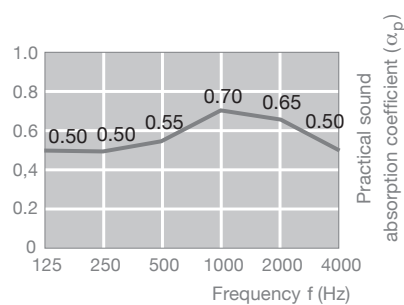


THERMATEX® ceiling tiles are made of modern, bio-soluble mineral wool, perlite, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance.

SYSTEM	<p>C Exposed Grid System, demountable ceiling</p> <p>F Free span system, with exposed or concealed suspension</p> <p>I Bandrastrer system, with exposed or concealed suspension</p> <p>A Concealed system, panels demountable / non demountable</p>
Dimensions	610 x 610 mm
Thickness / Weight	15 mm (c. 4.0 kg/m²)
Colour	White similar to RAL 9010
Edgedetails	<p>SK</p> 

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>$\alpha_w = 0.60$ as per EN ISO 11654</p> <p>NRC= 0.60 as per ASTM C 423</p>
Sound attenuation	<p>$D_{n,f,w} = 34$ dB as per EN ISO 10848 (15 mm thickness)</p> <p>$D_{n,f,w} = 38$ dB as per EN ISO 10848 (19 mm thickness)</p> <p>according to test certificates</p>
Sound insulation	<p>$R_w = 22$ dB as per EN ISO 10848</p> <p>(15 mm thickness, according to test certificate)</p>
Light reflectance	Up to 88%
Thermal conductivity	$\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
Air permeability	PM1 (≤ 30 m³/hm²) as per DIN 18177
Humidity	Up to 95% RH



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