

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

- C** Exposed Grid System, demountable ceiling
- F** Free span system, with exposed or concealed suspension
- I** Bandrastrer system, with exposed or concealed suspension
- A** Concealed system, panels demountable / non demountable

Dimensions

- 600 x 600 mm, 625 x 625 mm, plank sizes available on request

Please note

- The minimum quantities according to the price list!

Thickness / Weight

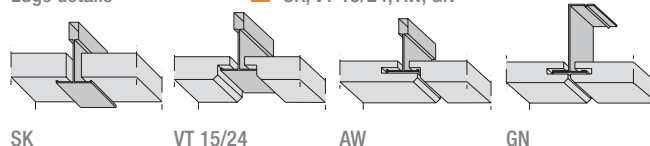
- 15 mm (c. 4.0 kg/m²)
- 19 mm (c. 5.3 kg/m²)

Colour

- White similar to RAL 9010

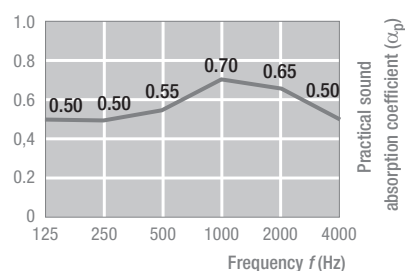
Edge details

- SK, VT 15/24, AW, GN

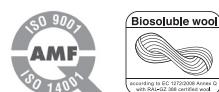


TECHNICAL PERFORMANCE

Building material class	A2-s1, d0 as per EN 13501-1
Fire resistance	F30 - F120 as per DIN 4102 part 2 (as per test certificate) REI30 - REI120 per EN 13501 part 2 (as per test certificate)
Sound absorption	EN ISO 354 $\alpha_w = 0.60$ as per EN ISO 11654 $NRC = 0.60$ as per ASTM C 423
Sound attenuation	$D_{n,f,w} = 34$ dB as per EN ISO 10848 (15 mm thickness) $D_{n,f,w} = 38$ dB as per EN ISO 10848 (19 mm thickness) according to test certificates
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	$\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
Air permeability	PM1 (≤ 30 m ³ /hm ²) as per DIN 18177
Humidity	Up to 95% RH



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