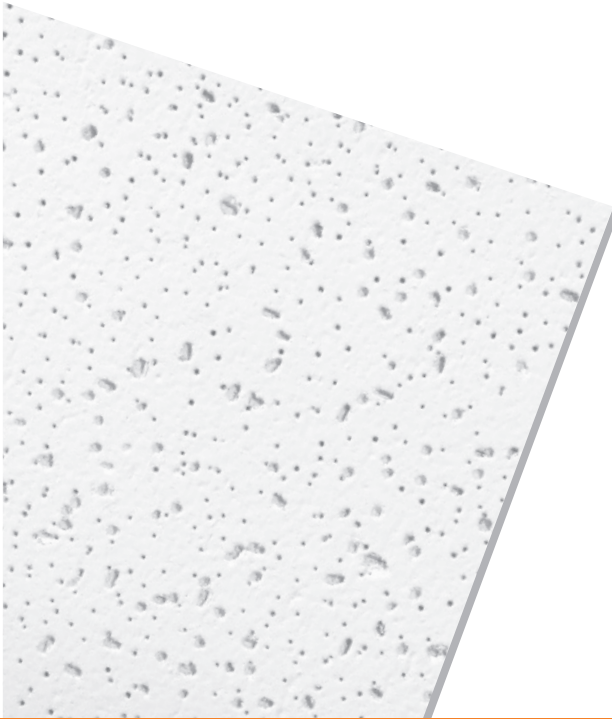
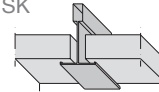


THERMATEX® Mercure



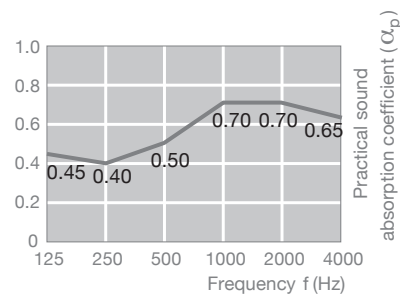
■ THERMATEX ceiling tiles are made of modern, bio-soluble mineral wool, perlite, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance.

- 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
 - 610 x 610 mm
- Thickness /Weight
 - 15 mm (c. 4.0 kg/m²)
- Colour
 - White similar to RAL 9010
- Edge details
 - SK



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
 - CAC = 36dB as per ASTM E413-10
 - (15 mm thickness, according to test certificate)
- Light reflectance
 - Up to 88%
- sound solution
 - $R_w = 21$ dB as per ISO 10140-2
- 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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