

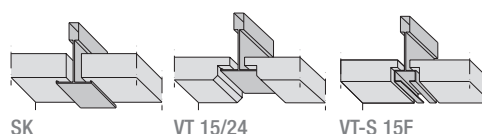


THERMATEX® Acoustic RL



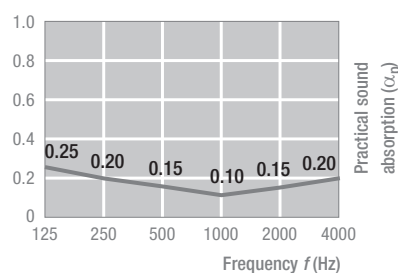
THERMATEX® Acoustic RL completes the THERMATEX® Acoustic Range. The RL provides a high level of sound reflection at human speech frequencies. This allows for specific areas of reflective tiles to be included within areas of high absorption while maintaining the same visual appearance.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 625 x 625 mm, plank sizes available on request
Pleas note	■ The minimum quantities according to the price list!
Thickness / Weight	■ 19 mm (c. 5.4 kg/m ²)
Colour	■ White similar to RAL 9010
Edge details	■ SK, (VT 15/24, VT-S 15F on request)



TECHNICAL PERFORMANCE

Building material class	■ A2-s1, d0 as per EN 13501-1
Fire resistance	■ F30 - F90 as per DIN 4102 part 2 (as per test certificate) REI30 - REI90 per EN 13501 part 2 (as per test certificate)
Sound absorption	■ EN ISO 354 $\alpha_W = 0.15(L)$ as per EN ISO 11654 $NRC = 0.15$ as per ASTM C 423
Sound attenuation	■ $D_{n,f,w} = 38$ dB as per EN ISO 10848 (19 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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