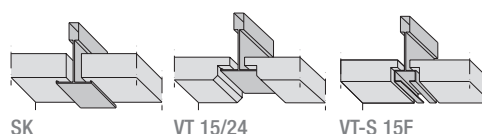




## THERMATEX® Acoustic RL

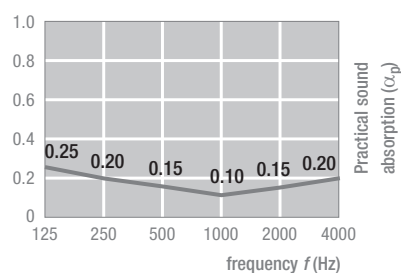
THERMATEX® Acoustic RL completes the THERMATEX® Acoustic Range. The RL provides a high level of sound reflection at human speech frequencies. This allows for specific areas of reflective tiles to be included within areas of high absorption while maintaining the same visual appearance.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 1200 x 600 mm
Thickness / Weight	■ 19 mm (c. 5.4 kg/m <sup>2</sup> )
Colour	■ White similar to RAL 9010
Edge details	■ SK, VT 15/24 on request VT-S 15F on request



### TECHNICAL PERFORMANCE

Reaction to fire	■ A2-s1, d0 as per EN 13501-1
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 <sup>3</sup> /hm <sup>2</sup> ) as per DIN 18177
Humidity	■ Up to 95% RH



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