

THERMATEX® Acoustic RL

$$NRC = 0.15 \quad \alpha_w = 0.15(L)$$

$$D_{n,f,w} = 38 \text{ dB}$$

THERMATEX® Acoustic RL completes the THERMATEX® Acoustic series with very good sound reflection properties. It is therefore ideal for use in reflective ceiling fields in conjunction with highly absorbing tiles. Thanks to a uniform surface, it can be combined with all absorbing tiles of the THERMATEX® Acoustic Range. The resulting homogenous ceiling appearance is ideal for all rooms with its simple design.

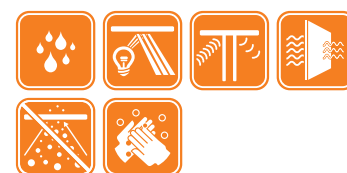
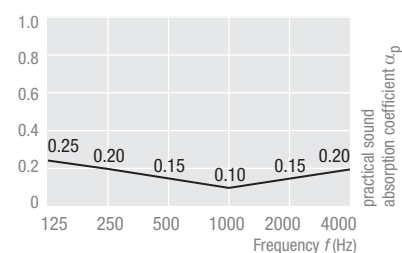


Technical Properties

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	$D_{n,f,w} = 38 \text{ dB}$ as per EN ISO 10848 (19 mm thickness, as per test certificate)
Humidity resistance	up to 95% relative humidity
Light reflection	for white similar to RAL 9010 glare-free approx. 88%
Thermal conductivity	$\lambda = 0.052-0.057 \text{ W/mK}$ as per DIN 52612
Air permeability	PM1 ($\leq 30 \text{ m}^3/\text{hm}^2$) as per DIN 18177
Colour	white similar to RAL 9010

System **C** Exposed system, tiles demountable

Sound absorption values



Available sizes and edges	Thickness/weight 19 mm (approx. 5.4 kg/m ²)		
	System C		
	SK	VT 15/24	VT-S 15F
Please note minimum quantities and lead times			
600 x 600 mm	•	on request	on request
625 x 625 mm	•	on request	on request
600 x 1200 mm	•	on request	on request
625 x 1250 mm	•	on request	on request