

THERMATEX® Laguna micro perforated

The ceiling tile THERMATEX® Laguna micro perforated provides good physical properties in fire protection and acoustics. A fine, barely visible micro perforation ensures good sound absorption. The fine pattern gives the surface an elegant texture and creates a harmonious ceiling appearance.

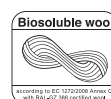
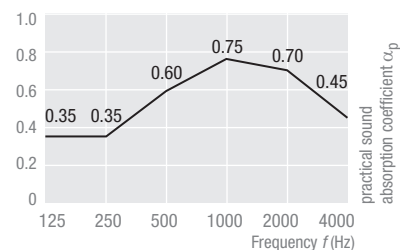


Technical Properties

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, as per test certificate)
Sound attenuation	$R_w = 21$ dB as per EN ISO 10140-2:2010
Humidity resistance	up to 90% relative humidity
Light reflection	for white similar to RAL 9010 glare-free approx. 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
Colour	white similar to RAL 9010

System **C** Exposed system, tiles demountable

Sound absorption values



Available sizes and edges	Thickness/weight 15 mm (approx. 4.0 kg/m ²)		
	System C		
	SK	VT 15	VT 24
Please note minimum quantities and lead times			
600 x 600 mm	•	•	•
625 x 625 mm	•	•	•