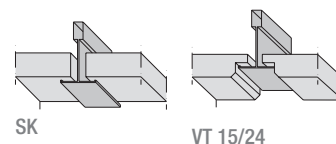


THERMATEX® Alpha ONE



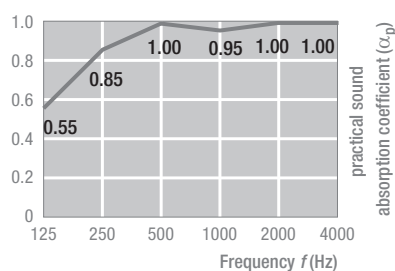
■ THERMATEX® Alpha ONE is a new wet-felt mineral tile which provides highest sound absorption values. With a strong white acoustic fleece THERMATEX® Alpha ONE offers a smooth, elegant surface finish. The combination of bio-soluble mineral wool with clay and starch provides excellent physical characteristics.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 600 x 1200 mm
Thickness / Weight	■ 24 mm (approx. 3.3 kg/m ²)
Colour	■ white similar to RAL 9010
Edge details	■ SK, VT24 other edge profiles on request



TECHNICAL PERFORMANCE

Building material class	■ A2-s1, d0 as per EN 13501-1
Fire rating	■ Group 1S (as per test certificate)
Sound absorption	■ NRC = 1.00 as per ASTM C 423
Sound attenuation	■ CAC = 29 dB as per ASTM E413-10 (24 mm thickness, according to test report)
Light reflectance	■ 88%
Thermal conductivity	■ $\lambda = 0.040$ W/mK as per EN 12667
Air permeability	■ PM1 (≤ 30 m ³ /hm ²) as per DIN 18177
Humidity	■ up to 95% RH
Clean room classification	■ class 4 as per ISO 14644-1
Interior air	■ Indoor air comfort GOLD status



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