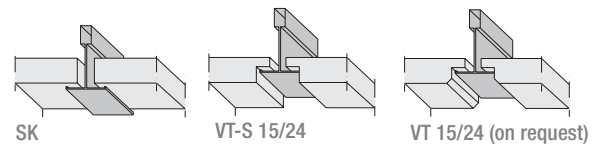




THERMATEX Alpha ONE

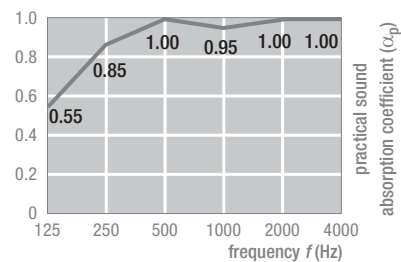
THERMATEX Alpha ONE is a new wet-felt mineral tile which provides highest sound absorption values. With a strong white acoustic fleece THERMATEX Alpha ONE offers a smooth, elegant surface finish. The combination of bio-soluble mineral wool with clay and starch provides excellent physical characteristics.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 625 x 625 mm, further sizes available on request
Thickness / Weight	■ 24 mm (c. 3.8 kg/m ²)
Colour	■ White similar to RAL 9010
Edge details	■ SK, VT-S 15/24, VT 15/24 on request



TECHNICAL PERFORMANCE

Building material class	■ A2-s1, d0 as per EN 13501-1 Class A as per ASTM E1264 (tested according to ASTM E84)
Fire protection	■ REI 30 - REI 90 as per EN 13501-2 (according to test certificate)
Sound absorption	■ EN ISO 354 $\alpha_w = 1.00$ as per EN ISO 11654 $NRC = 1.00$ as per ASTM C 423
Sound attenuation	■ $D_{n,f,w} = 29$ dB as per EN 10848 (24 mm thickness, according to test report)
Light reflectance	■ up to 88%
Thermal conductivity	■ $\lambda = 0.040$ W/mK as per EN 12667
Humidity	■ up to 95% RH
Clean Room	■ Class 4 as per ISO 14644-1



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All information provided is based on current technical data. Further relevant test reports, assessments and installation guidelines are available. All system details conform with current standards and are based on the use of AMF products and system components. AMF accepts no liability or responsibility for use of third party components, or for any variations to conditions stipulated in test data. Mixing of production batches is not recommended.

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