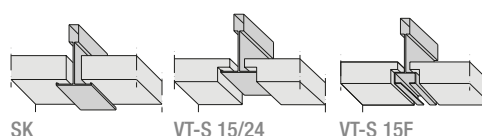


THERMATEX® Alpha ONE

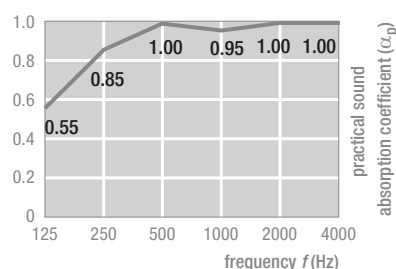
■ THERMATEX® Alpha ONE is a new wet-felt mineral tile which provides highest sound absorption values. With a strong white acoustic fleece THERMATEX® Alpha ONE offers a smooth, elegant surface finish. The combination of bio-soluble mineral wool with clay and starch provides excellent physical characteristics.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 625 x 625 mm, 600 x 1200 mm, 600 x 1250 mm
Thickness / Weight	■ 24 mm (approx. 4.0 kg/m ²)
Colour	■ white similar to RAL 9010
Edge details	■ SK, VT-S 15/24, VT-S 15F

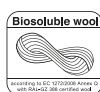


TECHNICAL PERFORMANCE

Building material class	■ A2-s1, d0 as per EN 13501-1
Fire protection	■ REI 30 - REI 90 as per EN 13501 part 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	■ $D_{n,t,w} = 29$ dB as per EN ISO 10848 (24 mm thickness, according to test report)
Light reflectance	■ for white similar to RAL 9010 glare-free approx. 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



Due to reproduction processes colours shown in this catalogue may differ from the actual product colour. Product selection should always be made from AMF samples. All details and technical information stated in this brochure or other publicity material referring to AMF ceiling systems are based on test reports obtained under laboratory conditions. It is the responsibility of the customer to ensure that this data is suitable for the proposed application. 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. All technical data is subject to change without prior notice and is governed by AMF Terms and Conditions of Sales. This catalogue supersedes all previous editions. Errors and omissions excepted. Printing errors excepted.



Knauf AMF GmbH & Co. KG
Elsenthal 15
D-94481 Grafenau Germany
Telefon 08552 / 422-0 - Fax 08552 / 422-32
info@knaufamf.de - www.knaufamf.com