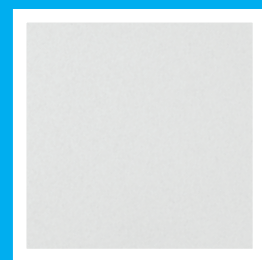




KNAUFCEILING
Solutions

DATASHEET

AMF THERMATEX® Alpha One



- AMF THERMATEX® Alpha One offers a modern, white appearance and is the optimal solution for spaces that need excellent sound absorption
- Excellent sound absorption (1.00 α_w)

- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications

Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 				
Thickness (mm)		24	24	24				
Dimensions (mm)		600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600				
System		Exposed demountable - System C						
Weight		4.0 kg / m ²						
Colour		 White						
Sound absorption		EN ISO 354 $\alpha_w = 1.00$ as per EN ISO 11654 - Class A						
		Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000
		α_p	0.55	0.85	1.00	0.95	1.00	1.00
		NRC = 1.00 as per ASTM C 423						
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 29$ dB as per EN ISO 717-1						
Sound reduction		EN ISO 10140-2 $R_w = 17$ dB as per EN ISO 717-1						
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84						
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 resistance		95% RH						
Clean room		ISO 4 as per EN ISO 14644-1						
Indoor air quality		 A+	 E1					
Cleanability								
Sustainability		 EN ISO 14021 50.8%	 EN ISO 14025	 EC 1272/2008 Annex G	 GREEN MATERIALS EMISSION CLASS FOR BUILDING	 www.blauer-engel.de/uz132	 BRONZE	

Product availability may vary from country to country. Please contact your local sales representative. For further information and legal notice, please visit our website.