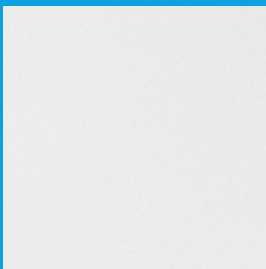


KNAUF

AMF THERMATEX® Alpha



© Rendering

AMF THERMATEX® Alpha offers a modern, white appearance and is the optimal solution for spaces that need excellent sound absorption

- Excellent sound absorption ($0.90 \alpha_w$)
- Good sound attenuation (34 dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms, learning applications and corridors

Build on us.

Characteristics		Detailed information						
Edge details		Board	Tegular 24/90		Tegular 15/90			
Thickness (mm)		19	19		19			
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600 1250 x 625		600 x 600 625 x 625 1200 x 600			
System		Exposed demountable – System C						
Weight		3.3 kg / m²						
Colour		White						
Sound absorption		EN ISO 354	$\alpha_w = 0.95$ as per EN ISO 11654 – Class A					
		Frequency f (Hz)	125	250	500	1000	2000	4000
		α_p	0.50	0.80	0.90	0.90	1.00	1.00
		NRC = 0.90 as per ASTM C 423						
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 28 \text{ dB}$ as per EN ISO 717-1 CAC = 29 dB as per ASTM E 413-10						
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84						
Light reflectance		88%						
Thermal conductivity		$\lambda = 0.040 \text{ W/mk}$ as per EN 12667						
Air permeability		PM1 ($\leq 30 \text{ m}^3/\text{hm}^2$) as per DIN 18177						
Humidity resistance		95% RH						
Clean room		ISO 4 as per EN ISO 14644-1						
Indoor air quality		 A+	 E1	 IACG				
Cleanability								
Sustainability		 49.3% (2023)	 EN 15804	 EC 1272/2008 Annex G	 M1+	 cradle to cradle BIOH2X	 www.blauer-engel.de/uz132	