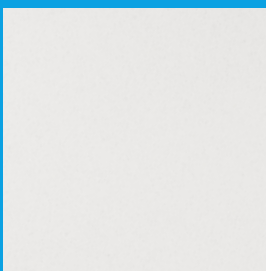


KNAUF

AMF THERMATEX® Alpha HD 30mm



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AMF THERMATEX® Alpha HD 30mm offers a modern, white appearance and is the optimal solution for spaces that need excellent sound absorption and sound attenuation

- Excellent sound absorption ($0.90 \alpha_w$)
- Excellent sound attenuation (40 dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications

Build on us.

AMF THERMATEX® Alpha HD 30mm

Characteristics		Detailed information						
Edge details		Board	Tegular 24/90	Tegular 15/90	SL2	Finesse		
Additional edge details on request								
Thickness (mm)		30	30	30	30	30		
Dimensions (mm)		600 x 600 625 x 625 675 x 675 1200 x 600 1250 x 625	600 x 600 625 x 625 675 x 675 1200 x 600 1250 x 625	600 x 600 625 x 625 675 x 675 1200 x 600 1250 x 625 1350 x 300 1350 x 600	1350 x 300 1350 x 600 1500 x 300 1800 x 300 2000 x 300	600 x 600 625 x 625 1200 x 600 1250 x 625		
System		Exposed demountable - System C		Exposed, demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3	Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2	Concealed, demountable - System A.2 / A.3		
Weight		8.2 kg / m²						
Colour		 White						
Sound absorption		EN ISO 354	$\alpha_w = 0.90$ as per EN ISO 11654 - Class A					
		Frequency f (Hz)	125	250	500	1000	2000	4000
		α_p	0.55	0.70	0.85	1.00	1.00	1.00
		NRC = 0.90 as per ASTM C 423						
Sound attenuation		EN ISO 10848-2	$D_{n,f,w} = 40$ dB as per EN ISO 717-1		CAC = 41 dB as per ASTM E 413-10			
Sound reduction		EN ISO 10140-2	$R_w = 22$ dB as per EN ISO 717-1					
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1						
Light reflectance		88%						
Thermal conductivity		$\lambda = 0.060$ 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	 IACG				
Cleanability								
Sustainability		 49.9% (2023)	 EN 15804	 EC 1272/2008 Annex Q	 M1	 BRONZE		www.blauer-engel.de/luz132