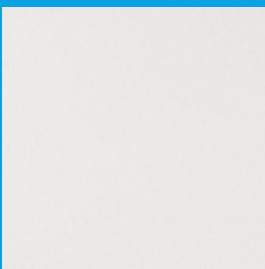


KNAUF

AMF THERMATEX® Alpha HD 35mm



© Victor Sajara Photography

AMF THERMATEX® Alpha HD 35mm 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 (42 dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications

Build on us.

AMF THERMATEX® Alpha HD 35mm

Characteristics	Detailed information									
Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 	SL2 					
Thickness (mm)		35	35	35	35					
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 1250 x 625 1350 x 300 1350 x 600	1350 x 300 1350 x 600 1500 x 300 1800 x 300 2000 x 300					
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				
Weight		9.5 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			0.40	0.65	0.85	1.00	1.00	1.00
NRC = 0.85 as per ASTM C 423										
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 42$ dB as per EN ISO 717-1		CAC = 44 dB as per ASTM E 413-10						
Sound reduction		EN ISO 10140-2 $R_w = 25$ 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		 50.4% (2023)	 EN 15804	 BIOSOLUBLE WOOL IC 1272/2008 Annex G	 M1+	 cradle to cradle BRONZE	 www.blauer-engel.de/uz132			