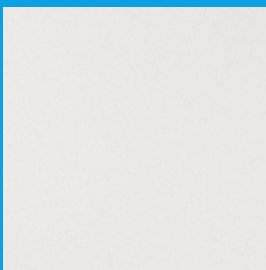


KNAUF

AMF THERMATEX® Alpha HD 19mm



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AMF THERMATEX® Alpha HD 19mm offers a modern, white appearance and is the optimal solution for spaces that need a combination of excellent sound absorption and good sound attenuation

- 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.

AMF THERMATEX® Alpha HD 19mm

Characteristics	Detailed information							
Edge details		Board	Tegular 24/90	Tegular 15/90	SL2	Finesse		
Thickness (mm)		19	19	19	19	19		
Dimensions (mm)		600 x 600 625 x 625 675 x 675 1200 x 300 1200 x 600 1250 x 625 1500 x 600 1800 x 600	600 x 600 625 x 625 675 x 675 1200 x 300 1200 x 600 1250 x 625 1500 x 600 1800 x 600	600 x 600 625 x 625 675 x 675 1200 x 300 1200 x 600 1250 x 625 1350 x 300 1350 x 600 1500 x 600 1800 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		5.2 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	0.50	0.70	0.80	0.90	1.00	1.00
		NRC = 0.85 as per ASTM C 423						
Sound attenuation		EN ISO 10848-2 CAC = 35 dB as per ASTM E 413-10 D _{n,t,w} = 34 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						
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								
			49.1% (2023)	EN 15804	BIO-SOLUBLE WOOL EC 1272/2008 Annex O	M1	cradle to cradle BRONZE	 www.blauer-engel.de/uz132