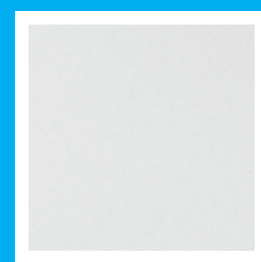




KNAUFCEILING
Solutions

DATASHEET

AMF THERMATEX® Alpha HD 30mm



- 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 α_w)
- Excellent sound attenuation (40 dB)

- 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 	SL2 	Finesse 														
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, 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 / m ²																		
Colour		 White																		
Sound absorption		EN ISO 354 $\alpha_w = 0.90$ as per EN ISO 11654 - Class A <table border="1"> <tr> <td>Frequency f (Hz)</td> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>α_p</td> <td>0.55</td> <td>0.70</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> <td>1.00</td> </tr> </table> NRC = 0.90 as per ASTM C 423					Frequency f (Hz)	125	250	500	1000	2000	4000	α_p	0.55	0.70	0.85	1.00	1.00	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000														
α_p	0.55	0.70	0.85	1.00	1.00	1.00														
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																	
Cleanability																				
Sustainability		 49.9%	 EN ISO 14025	 EC 1272/2008 Annex Q	 EMMISSION CLASS FOR BUILDING MATERIALS	 www.blauer-engel.de/uz132														

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