

AMF THERMATEX® Alpha HD 30/35mm

- AMF THERMATEX® Alpha HD 30/35mm 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 α_w)
- Excellent sound attenuation (40 dB: Board, Tegular 15/90 - 42 dB: Tegular 24/90)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications



AMF THERMATEX® ALPHA HD 30/35mm

Edge details Additional edge details on request		Board 	Tegular 15/90 	Tegular 24/90 																					
Thickness (mm)		30, 35	30	35																					
Dimensions (mm) Additional sizes on request		600 x 600	600 x 600	600 x 600																					
System		Exposed demountable - System C																							
Weight		8.2 kg / m ² (30mm) 9.5 kg / m ² (35mm)																							
Colour		White																							
Sound absorption		EN ISO 354 $\alpha_w = 0.90$ as per EN ISO 11654 - Class A <table border="1"> <thead> <tr> <th>Frequency f (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>α_p Board, Tegular 15/90 (30mm)</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> <tr> <td>α_p Board, Tegular 24/90 (35mm)</td> <td>0.35</td> <td>0.65</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = 0.90 (30mm) as per ASTM C 423 NRC = 0.85 (35mm) as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board, Tegular 15/90 (30mm)	0.55	0.70	0.85	1.00	1.00	1.00	α_p Board, Tegular 24/90 (35mm)	0.35	0.65	0.85	1.00	1.00	1.00
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α_p Board, Tegular 15/90 (30mm)	0.55	0.70	0.85	1.00	1.00	1.00																			
α_p Board, Tegular 24/90 (35mm)	0.35	0.65	0.85	1.00	1.00	1.00																			
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 40$ dB (30mm) as per EN ISO 717-1 CAC = 41 dB (30mm) as per ASTM E 413-10		$D_{n,f,w} = 42$ dB (35mm) as per EN ISO 717-1 CAC = 44 dB (35mm) as per ASTM E 413-10																					
Sound reduction		EN ISO 10140-2 $R_w = 22$ dB (30mm) as per EN ISO 717-1		$R_w = 25$ dB (35mm) as per EN ISO 717-1																					
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1		RUS KM1 (G1, V1, D1, T1) as per 123-FZ																					
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		 39%		 www.blauer-engel.de/uz132																					

Products may vary from country to country. Please contact your local sales representative.
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