



AMF THERMATEX® Alpha HD 30/35 mm

- THERMATEX® Alpha HD 30/35 mm offers a modern, white appearance and is the optimal solution for surfaces that need outstanding noise absorption and good lengthwise noise insulation
- 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 30/35 MM

Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 														
Thickness (mm)		30	35	30														
Dimensions (mm) Additional sizes on request		600 x 600	600 x 600	600 x 600														
System		Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3																
Weight		8.2 kg / m ² (30 mm) 9.5 kg / m ² (35 mm)																
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</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> </tbody> </table> NRC = 0.90 (30 mm) as per ASTM C 423 NRC = 0.85 (35 mm) as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board, Tegular	0.55	0.70	0.85	1.00	1.00	1.00
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Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 40$ dB (30 mm) as per EN ISO 717-1 $D_{n,f,w} = 42$ dB (35 mm) as per EN ISO 717-1																
Sound reduction		EN ISO 10140-2 $R_w = 22$ dB (30 mm) as per EN ISO 717-1 $R_w = 25$ dB (35 mm) 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 FZ 123														
Light reflectance		88%																
Thermal conductivity		$\lambda = 0.060$ W/m K as per EN 12667																
Air permeability		PM1 (≤ 30 m ³ /hm ²) as per EN 18177																
Humidity resistance		95% RH																
Clean room		ISO 4 as per EN ISO 14644-1																
Indoor air quality		 A+	 E1															
Cleanability																		
Sustainability		 39%	 EC 1272/2008 Annex C	 BLAUER ENGEL REAL UMWELTZERTIFIZIERT														

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