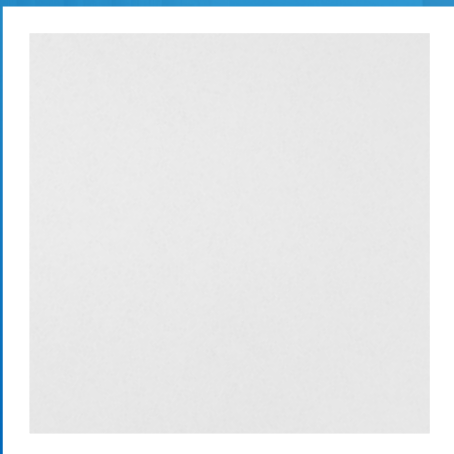




AMF THERMATEX® Alpha ONE

- THERMATEX® Alpha ONE offers a modern, white appearance and is the optimal solution for surfaces that need outstanding noise absorption
- Excellent sound absorption (1.00 α_w)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications



AMF THERMATEX® ALPHA ONE

Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 														
Thickness (mm)		24	24	24														
Dimensions (mm) Additional sizes on request		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625														
System		Exposed demountable - System C Exposed - Bandraaster, demountable - System I.3 Exposed - Corridor, demountable - System F.3																
Weight		3.3 kg / m ²																
Colour		White																
Sound absorption		EN ISO 354 $\alpha_w = 1.00$ 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>0.50</td> <td>0.80</td> <td>0.90</td> <td>0.90</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = 1.00 as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board, Tegular	0.50	0.80	0.90	0.90	1.00	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000												
α_p Board, Tegular	0.50	0.80	0.90	0.90	1.00	1.00												
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 14$ dB as per EN ISO 717-1																
Sound reduction		EN ISO 10140-2 $R_w = 24$ dB (24 mm) as per EN ISO 717-1 $R_w = 25$ dB (30 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		$\lambda = 0.040$ 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		 43%	 EC 1272/2008 Annex G	 DAS UMWELTZEICHEN														

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