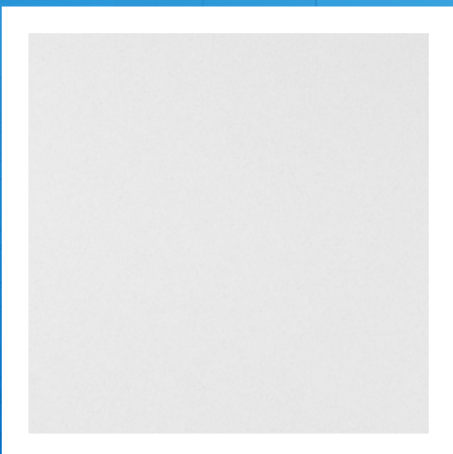




AMF THERMATEX® dB Acoustic

- THERMATEX® dB Acoustic is the solution for increased needs for lengthwise noise insulation and noise absorption. The design is impressive with a simple, timeless surface
- Good sound absorption (0.65 (H) α_w)
- Excellent sound attenuation (41 dB; 24 mm thickness)
- Excellent sound attenuation (43 dB; 30 mm thickness)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, meeting rooms, classrooms and learning applications or corridors



Edge details Additional edge details on request		Board 	Tegular 24 	Tegular 15 																					
Thickness (mm)		24, 30	24	24																					
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		8.6 - 10.6 kg / m ²																							
Colour		White																							
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.65 (H)}$ as per EN ISO 11654 - Class C <table border="1" data-bbox="467 920 1453 1025"> <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 24 mm</td> <td>0.40</td> <td>0.45</td> <td>0.60</td> <td>0.80</td> <td>0.95</td> <td>0.95</td> </tr> <tr> <td>α_p Board 30 mm</td> <td>0.35</td> <td>0.40</td> <td>0.65</td> <td>0.85</td> <td>0.90</td> <td>0.95</td> </tr> </tbody> </table> NRC = 0.70 as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board, Tegular 24 mm	0.40	0.45	0.60	0.80	0.95	0.95	α_p Board 30 mm	0.35	0.40	0.65	0.85	0.90	0.95
Frequency f (Hz)	125	250	500	1000	2000	4000																			
α_p Board, Tegular 24 mm	0.40	0.45	0.60	0.80	0.95	0.95																			
α_p Board 30 mm	0.35	0.40	0.65	0.85	0.90	0.95																			
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{41 dB}$ (24 mm) as per EN ISO 717-1 $D_{n,f,w} = \mathbf{43 dB}$ (30 mm) as per EN ISO 717-1																							
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{24 dB}$ (24 mm) as per EN ISO 717-1 $R_w = \mathbf{25 dB}$ (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		$\lambda = \mathbf{0.075 W/m K}$ as per EN 12667																							
Air permeability		PM1 ($\leq 30 \text{ m}^3/\text{hm}^2$) 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 6	 Umweltzeichen																					

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