



AMF THERMATEX® Acoustic

- The laminated finish of AMF THERMATEX® Acoustic creates a smooth, white appearance and provides good levels of sound absorption and excellent sound attenuation
- Good sound absorption (0.65 (H) α_w)
- Excellent sound attenuation (40 dB; SL2)
- High sound attenuation (38 dB; Board, Tegular 24, Tegular 15, Tegular 15/90, Finesse, Vector)
- Excellent light reflectance (88%)
- ISO 3
- Ideal for retail, offices and meeting rooms, installation rooms or production areas



Edge details Additional edge details on request		Board 	Tegular 24 	Tegular 15 	Tegular 15/90 	SL2 	Vector 	Finesse 																					
Thickness (mm)		19	19	19	19	19	24	19																					
Dimensions (mm) Additional sizes on request		600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625	600 x 600	600 x 600	1200 x 300 1500 x 300 1800 x 300 2000 x 300 2500 x 300	600 x 600 625 x 625	600 x 600 625 x 625																					
System		Exposed demountable - System C				Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandrastrer, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2	Semi-concealed tiles, demountable - System C		Concealed, demountable - System A.2 / A.3																				
Weight		5.0 - 8.6 kg / m ²																											
Colour		White																											
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.65 (H)}$ as per EN ISO 11654 - Class C Frequency f (Hz) <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></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, Tegular 15, Tegular 15/90, Finesse, SL2</td> <td>0.50</td> <td>0.45</td> <td>0.60</td> <td>0.85</td> <td>0.95</td> <td>0.95</td> </tr> <tr> <td>α_p Vector</td> <td>0.45</td> <td>0.40</td> <td>0.60</td> <td>0.80</td> <td>0.95</td> <td>1.00</td> </tr> </tbody> </table> NRC = 0.70 as per ASTM C 423								125	250	500	1000	2000	4000	α_p Board, Tegular 24, Tegular 15, Tegular 15/90, Finesse, SL2	0.50	0.45	0.60	0.85	0.95	0.95	α_p Vector	0.45	0.40	0.60	0.80	0.95	1.00
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Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{38 dB}$ (Board, Tegular 24, Tegular 15, Tegular 15/90, Vector, Finesse) as per EN ISO 717-1 $D_{n,f,w} = \mathbf{40 dB}$ (SL2) as per EN ISO 717-1 CAC = 39 dB (Board, Tegular 24, Tegular 24/90, Tegular 15, Tegular 15/90, Vector, Finesse) as per ASTM E 413-10																											
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{22 dB}$ as per EN ISO 717-1																											
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84			RUS KM1 (G1, V1, D1, T1) as per 123-FZ																								
Light reflectance		88%																											
Thermal conductivity		$\lambda = \mathbf{0.060 W/mk}$ as per EN 12667																											
Air permeability		PM1 ($\leq 30 \text{ m}^3/\text{hm}^2$) as per DIN 18177																											
Humidity resistance		95% RH																											
Clean room		ISO 3 as per EN ISO 14644-1																											
Indoor air quality		 A+	 E1	 IACG																									
Cleanability																													
Sustainability		 EN ISO 14021	 EN ISO 14025	 EC 1272/2008 Annex G																									
		41-49%																											

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