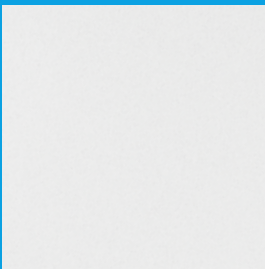


AMF THERMATEX® Acoustic



Dr. Nassau College Quintus, Assen, Netherlands © Dion de Bakker

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 24/90, Tegular 15/90, Vector, Finesse)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for retail, offices and meeting rooms, installation rooms or production areas

Build on us.

AMF THERMATEX® Acoustic

Characteristic	Detailed information								
Edge details Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 	SL2 	Vector 	Finesse 		
Thickness (mm)		19	19	19	24	19	19		
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600	600 x 600 1200 x 600	1200 x 300 1500 x 300 1800 x 300 2000 x 300 2500 x 300	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600 1250 x 625		
System		Exposed demountable - System C		Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, 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 $\alpha_w = 0.65$ (H) as per EN ISO 11654 - Class C							
		Frequency f (Hz)		125	250	500	1000	2000	4000
		α_p Board, Tegular 24/90, 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	0.90	1.00
		NRC = 0.70 as per ASTM C 423							
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 38$ dB (Board, Tegular 24/90, Tegular 15/90, Vector, Finesse) as per EN ISO 717-1 $D_{n,f,w} = 40$ dB (SL2) as per EN ISO 717-1 $CAC = 39$ dB (Board, Tegular 24/90, Tegular 15/90, Vector, Finesse) as per ASTM E 413-10							
Sound reduction		EN ISO 10140-2 $R_w = 22$ 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							
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			 35-36.9% (2023)	 EN 15804	 EC 1272/2008 Annex Q	 certified bronze			