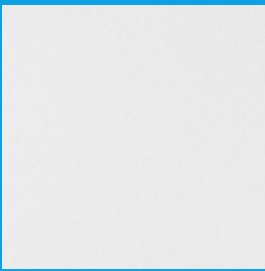


KNAUF

AMF THERMATEX® Aquatec



GRADED SCHOOL, Brazil, © Alessandro Couto

AMF THERMATEX® Aquatec is the optimal solution for high humidity areas of up to 100% RH. It offers excellent sound absorption, and is suitable for high pressure water cleaning. Its high-quality design makes it the ideal solution for hygiene and healthcare environments

- Excellent sound absorption (0.90 α_w)
- Excellent light reflectance (88%)
- ISO 3
- Ideal for healthcare environments, laboratories, treatment rooms, locker rooms or shower areas

Build on us.

Characteristics		Detailed information								
Edge details		Board 	Tegular 24/90 	Tegular 15/90 	Finesse 					
Thickness (mm)		19	19	19	19					
Dimensions (mm)		600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625	600 x 600 625 x 625	600 x 600 625 x 625					
System		Exposed demountable - System C			Concealed, demountable - System A.2 / A.3					
Weight		5.2 kg / m²								
Colour		 White								
Sound absorption		EN ISO 354		$\alpha_w = 0.90$ as per EN ISO 11654 - Class A						
		Frequency f (Hz)		125	250	500	1000	2000	4000	
		α_p		0.60	0.70	0.85	0.90	1.00	1.00	
NRC = 0.90 as per ASTM C 423										
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 29$ dB as per EN ISO 717-1		CAC = 29 dB as per ASTM E 413-10						
Sound reduction		EN ISO 10140-2 $R_w = 16$ 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		100% RH								
Clean room		ISO 3 as per EN ISO 14644-1								
Indoor air quality		 A+	 E1	 IACG						
Cleanability										
Sustainability		 51.7% (2023)	 EN 15804	 EC 1272/2008 Annex G	 www.blauer-engel.de/uz132					