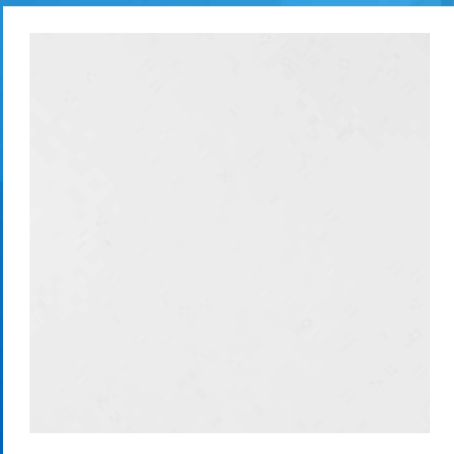


AMF THERMATEX® Alpha HD 19 mm

- THERMATEX® Alpha HD 19 mm offers a modern, white appearance and is the optimal solution for surfaces that need outstanding noise absorption and good lengthwise noise insulation
- Excellent sound absorption (0.90 α_w ; SL2 | 0.95 α_w ; Finesse)
- Good sound attenuation (34 dB; SL2)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms, learning applications and corridors



Edge details Additional edge details on request		SL2 	Finesse 																
Thickness (mm)		19	19																
Dimensions (mm) Additional sizes on request		1800 x 300	600 x 600																
System		Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraaster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2																	
Weight		5.2 kg / m ²																	
Colour		White																	
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.90 (SL2), 0.95 (Finesse)}$ as per EN ISO 11654 - Class A <table border="1" data-bbox="477 848 1459 921"> <thead> <tr> <th>Frequency <i>f</i> (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</td> <td colspan="2">SL2, Finesse</td> <td>0.55</td> <td>0.75</td> <td>0.85</td> <td>0.95</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = 0.85 as per ASTM C 423		Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000	α_p	SL2, Finesse		0.55	0.75	0.85	0.95	1.00	1.00
Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000													
α_p	SL2, Finesse		0.55	0.75	0.85	0.95	1.00	1.00											
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{34 dB (SL2)}$ as per EN ISO 717-1																	
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{17 dB}$ 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		$\lambda = \mathbf{0.060 W/m K}$ 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		 38%	 EC 1272/2008 Annex Q 																

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