

## AMF THERMATEX® Alpha

- THERMATEX® Alpha offers a modern, white appearance and is the optimal solution for surfaces that need outstanding noise absorption
- Excellent sound absorption (0.95  $\alpha_w$ )
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications



<b>Edge details</b> Additional edge details on request		Board 	Tegular 24/90 	Tegular 15/90 														
<b>Thickness (mm)</b>		19	19	19														
<b>Dimensions (mm)</b> Additional sizes on request		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600														
<b>System</b>		Exposed demountable - System C Exposed - Bandrastrer, demountable - System I.3 Exposed - Corridor, demountable - System F.3																
<b>Weight</b>		3.3 kg / m <sup>2</sup>																
<b>Colour</b>		White																
<b>Sound absorption</b>		EN ISO 354 $\alpha_w = 0.95$ as per EN ISO 11654 - <b>Class A</b> <table border="1" data-bbox="467 925 1457 992"> <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><math>\alpha_p</math> Board, Tegular</td> <td>0.50</td> <td>0.80</td> <td>0.90</td> <td>0.90</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = <b>0.90</b> as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	$\alpha_p$ Board, Tegular	0.50	0.80	0.90	0.90	1.00	1.00
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<b>Sound attenuation</b>		EN ISO 10848-2 $D_{n,f,w} = 28$ dB as per EN ISO 717-1																
<b>Sound reduction</b>		EN ISO 10140-2 $R_w = 14$ dB as per EN ISO 717-1																
<b>Fire reaction</b>		Euroclass <b>A2-s1, d0</b> as per EN 13501-1	RUS <b>KM1 (G1, V1, D1, T1)</b> as per FZ 123															
<b>Light reflectance</b>		<b>88%</b>																
<b>Thermal conductivity</b>		$\lambda = 0.040$ W/m K as per EN 12667																
<b>Air permeability</b>		<b>PM1</b> ( $\leq 30$ m <sup>3</sup> /hm <sup>2</sup> ) as per EN 18177																
<b>Humidity resistance</b>		<b>95% RH</b>																
<b>Clean room</b>		<b>ISO 4</b> as per EN ISO 14644-1																
<b>Indoor air quality</b>		A+	E1															
<b>Cleanability</b>																		
<b>Sustainability</b>		EN ISO 14021 43%	BIOSOLUBLE WOOL EC 1272/2008 Annex G	BLAUER ENGEL DAS UMWELTZEICHEN	M1 EMISSION CLASS FOR BUILDING MATERIALS													

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