



## AMF THERMATEX® Alpha Colour



- AMF THERMATEX® Alpha Colour provides a modern appearance and is the optimal solution for spaces that require outstanding sound absorption. In addition to a white or black laminate finish, the acoustic range is also available in cream, silver, blue, orange, red, grey, yellow and green
- Excellent sound absorption (0.95  $\alpha_w$ )
- Ideal for offices, restaurants, cinemas, classrooms and learning applications



<b>Edge details</b>  Additional edge details on request		Board 																												
<b>Thickness (mm)</b>		19																												
<b>Dimensions (mm)</b>  Additional sizes on request		600 x 600 625 x 625 1200 x 600																												
<b>System</b>		Exposed demountable - System C																												
<b>Weight</b>		3.3 kg / m <sup>2</sup>																												
<b>Colour</b>		<div></div> <div>BlackSilverCreamGreyBlueYellowOrangeRedGreen</div>																												
<b>Sound absorption</b>		<p>EN ISO 354</p> <p><math>\alpha_w</math> = <b>1.00</b> as per EN ISO 11654 - <b>Class A</b> (Black)</p> <p><math>\alpha_w</math> = <b>0.95</b> as per EN ISO 11654 - <b>Class A</b> (other colours)</p> <table><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><tr><td><math>\alpha_p</math> Black</td><td>0.45</td><td>0.80</td><td>0.95</td><td>0.95</td><td>1.00</td><td>1.00</td></tr></table> <table><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><tr><td><math>\alpha_p</math> Other colours</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></table> <p>NRC = <b>0.90</b> as per ASTM C 423</p>	Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000	$\alpha_p$ Black	0.45	0.80	0.95	0.95	1.00	1.00	Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000	$\alpha_p$ Other colours	0.50	0.80	0.90	0.90	1.00	1.00
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<b>Sound attenuation</b>		<p>EN ISO 10848-2</p> <p><math>D_{n,f,w}</math> = <b>28 dB</b> as per EN ISO 717-1</p> <p>CAC = <b>29 dB</b> as per ASTM E 413-10</p>																												
<b>Sound reduction</b>		<p>EN ISO 10140-2</p> <p><math>R_w</math> = <b>14 dB</b> as per EN ISO 717-1</p>																												
<b>Fire reaction</b>		<p>Euroclass <b>A2-s1, d0</b> as per EN 13501-1</p> <p>RUS <b>KM1 (G1, V1, D1, T1)</b> as per 123-FZ</p>																												
<b>Thermal conductivity</b>		$\lambda$ = <b>0.040 W/mk</b> as per EN 12667																												
<b>Air permeability</b>		<b>PM1</b> ( $\leq 30 \text{ m}^3/\text{hm}^2$ ) as per DIN 18177																												
<b>Humidity resistance</b>		<b>95% RH</b>																												
<b>Indoor air quality</b>		<div></div> <div>A+E1</div>																												
<b>Cleanability</b>	 																													
<b>Sustainability</b>	  	<div>43%</div> <div><a href="http://www.blauer-engel.de/uz132">www.blauer-engel.de/uz132</a></div>																												

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