

## AMF THERMATEX® Star Complete

- With its perforated surface, AMF THERMATEX® Star Complete offers an elegant, modern solution for spaces that require good sound absorption
- Good sound absorption (0.70  $\alpha_w$ )
- Good sound attenuation (34 dB)
- Ideal for retail, offices and meeting rooms, installation rooms or production areas



# AMF THERMATEX® STAR COMPLETE

<b>Edge details</b> Additional edge details on request		Board 	Tegular 24 	Tegular 15 														
<b>Thickness (mm)</b>		15	15	15														
<b>Dimensions (mm)</b> Additional sizes on request		625 x 625 600 x 600 1200 x 600	625 x 625 600 x 600 1200 x 600	600 x 600 1200 x 600														
<b>System</b>		Exposed demountable - System C																
<b>Weight</b>		4.0 kg / m <sup>2</sup>																
<b>Colour</b>		White																
<b>Sound absorption</b>		EN ISO 354 $\alpha_w = 0.70$ as per EN ISO 11654 - <b>Class C</b> <table border="1"> <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><math>\alpha_p</math></td> <td>0.50</td> <td>0.65</td> <td>0.70</td> <td>0.80</td> <td>0.75</td> <td>0.50</td> </tr> </tbody> </table> NRC = <b>0.70</b> as per ASTM C 423			Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000	$\alpha_p$	0.50	0.65	0.70	0.80	0.75	0.50
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$\alpha_p$	0.50	0.65	0.70	0.80	0.75	0.50												
<b>Sound attenuation</b>		EN ISO 10848-2 $D_{n,f,w} = 34 \text{ dB}$ as per EN ISO 717-1 CAC = <b>35 dB</b> as per ASTM E 413-10																
<b>Sound reduction</b>		EN ISO 10140-2 $R_w = 21 \text{ dB}$ as per EN ISO 717-1																
<b>Fire reaction</b>		Euroclass <b>A2-s1, d0</b> as per EN 13501-1 <b>Class A</b> as per ASTM E 84 RUS <b>KM1 (G1, V1, D1, T1)</b> as per 123-FZ																
<b>Light reflectance</b>		<b>88%</b>																
<b>Thermal conductivity</b>		$\lambda = 0.060 \text{ W/mk}$ 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>		 A+	 E1	 IACG														
<b>Cleanability</b>																		
<b>Sustainability</b>		 43%	 EPD	  <a href="http://www.blauer-engel.de/uz132">www.blauer-engel.de/uz132</a>														

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