


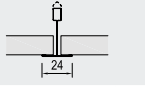
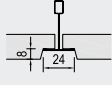


















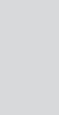




AMF THERMATEX® Mercure Complete



- THERMATEX® Mercure Complete is a ceiling panel with a combination of needed depressions and fine perforations, creating a modern and high-quality surface
- Good sound absorption (0.70 α_w ; 15 mm | 0.75 α_w ; 19 mm)
- Good sound attenuation (34 dB)
- Good light reflectance (85%)
- Ideal for retail, offices and meeting rooms, installations rooms or production areas



AMF THERMATEX® MERCURE COMPLETE

Edge details Additional edge details on request		Board 	Tegular 24 																												
Thickness (mm)		15	19																												
Dimensions (mm) Additional sizes on request		625 x 625	600 x 600																												
System		Exposed demountable - System C Exposed - Bandraaster, demountable - System I.3 Exposed - Corridor, demountable - System F.3																													
Weight		3.8 - 5.0 kg / m ²																													
Colour		White																													
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.70 (15 mm)}$ as per EN ISO 11654 - Class C <table border="1" data-bbox="467 891 1452 965"> <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>α_p Board</td> <td>0.50</td> <td>0.60</td> <td>0.60</td> <td>0.75</td> <td>0.90</td> <td>0.75</td> </tr> </tbody> </table> NRC = 0.75 as per ASTM C 423 $\alpha_w = \mathbf{0.75 (19 mm)}$ as per EN ISO 11654 - Class C <table border="1" data-bbox="467 1061 1452 1135"> <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>α_p Tegular</td> <td>0.40</td> <td>0.50</td> <td>0.70</td> <td>0.90</td> <td>0.90</td> <td>0.75</td> </tr> </tbody> </table> NRC = 0.75 as per ASTM C 423		Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board	0.50	0.60	0.60	0.75	0.90	0.75	Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Tegular	0.40	0.50	0.70	0.90	0.90	0.75
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Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{34 dB}$ (15 mm) as per EN ISO 717-1 $D_{n,f,w} = \mathbf{38 dB}$ (19 mm) as per EN ISO 717-1																													
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{21 dB}$ 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		85%																													
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																													
Indoor air quality		 A+	 E1																												
Cleanability																															
Sustainability		 EN ISO 14021 43%	 EN ISO 14025  EC 1272/2008 Annex G  PLASTER ENGINEER FZG UNIVERSITÄT DUISBURG																												

Products may vary from country to country. Please contact your local sales representative.
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