

# THERMATEX<sup>®</sup>

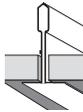
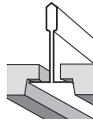
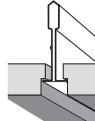
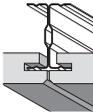
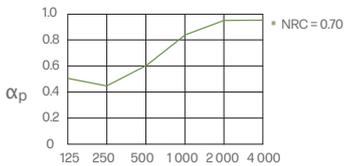
## Acoustic Medical

### Features

- THERMATEX Acoustic Medical ceilings provide excellent balanced acoustics:
  - High sound absorption (NRC 0.70)
  - Excellent sound attenuation (40dB)
- HYGENA anti-microbial treatment against bacteria and fungi
- ISO 3 Clean Room performance with paint sealed edges
- Damage resistant, washable, smooth laminated surface
- High light reflective finish (LR 0.88)
- Available in a wide range of edge profiles and sizes
- 3rd party certified sustainable performance
- The ideal ceiling for hospitals, medical facilities and clean rooms, including PC1 and 2 laboratories



# THERMATEX® Acoustic Medical

	Panel Options	Board	Tegular 24	Tegular 15/90	K2C2 Edge														
 <b>Edge details</b>		 24mm Grid	 24mm Grid	 15mm Grid	 One Way / Modular Grid														
 <b>Dimensions (mm)</b>	600 x 600 x 19mm	BP6814G	BP6821G	BP6823G	—														
	1200 x 600 x 19mm	BP6820G	BP6822G	BP6824G	*														
– Not available. * Special items and other sizes available upon request. For all items: Contact your local AMF Distributor representative for stock availability.																			
 <b>Suspension systems</b>	24mm Grid / 15mm Grid or One Way Exposed 32mm Top Hat Grid																		
 <b>Weight</b>	5 kg/m <sup>2</sup>																		
 <b>Colour</b>	White																		
 <b>Sound absorption</b>	<table border="1"> <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></td> <td>0.30</td> <td>0.35</td> <td>0.65</td> <td>0.95</td> <td>0.95</td> <td>1.00</td> </tr> </tbody> </table> <p>NRC = 0.70 as per EN ISO 354 &amp; EN ISO 11654</p>				Frequency f (Hz)	125	250	500	1000	2000	4000	$\alpha_P$	0.30	0.35	0.65	0.95	0.95	1.00	 <p>* NRC = 0.70</p>
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$\alpha_P$	0.30	0.35	0.65	0.95	0.95	1.00													
 <b>Sound attenuation</b>	EN ISO 10848-2 CAC = 40 dB as per EN ISO 717-1																		
 <b>Fire resistance</b>	Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 - Group 1, and ISO 5660 - Group 1 - S																		
 <b>Light reflectance</b>	88%																		
 <b>Thermal conductivity</b>	$\lambda = 0.35 \text{ m}^2\text{K/W}$ as per EN 12667																		
 <b>Humidity resistance</b>	RH95																		
 <b>Clean room</b>	ISO 3 as per ISO 14644-1 with paint sealed edges for improved performance																		
 <b>Indoor air quality</b>	 A+	 E1	 IACG	<b>Durability / Cleanability</b>	 Hygiene Performance	 Washable and scrubable to ASTM D2486 (modified)													
<b>Sustainability</b>	 42%																		



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