




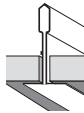
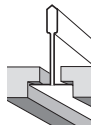
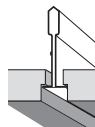
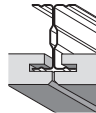





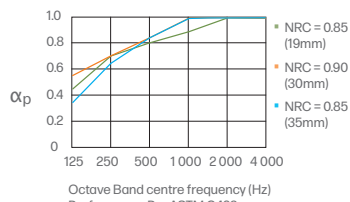



















THERMATEX® Alpha HD



Features

- THERMATEX Alpha HD ceilings provide the optimal solution for spaces that need the highest levels of acoustical performance
 - Very high sound absorption (NRC up to 0.90)
 - Excellent sound attenuation (up to 43dB)
- Damage resistant, smooth laminated surface
- High light reflective finish (LR 0.88)
- ISO 4 Clean Room Performance
- Available in a wide range of edge profiles and sizes
- 3rd party certified sustainable performance
- Ideal for offices, meeting rooms, classrooms and learning applications

THERMATEX® Alpha HD

	Panel Options	Board	Tegular 24/90	Tegular 15/90	K2C2 Edge																																				
 Edge details		 24mm Grid	 24mm Grid	 15mm Grid	 One Way / Modular Grid																																				
 Dimensions (mm) – Not available. * Special items and other sizes available upon request. For all items: Contact your local AMF Distributor representative for stock availability.	600 x 600 x 19mm 1200 x 600 x 19mm 600 x 600 x 30mm 1200 x 600 x 30mm 600 x 600 x 35mm 1200 x 600 x 35mm	BP6846G BP6847G BP6853G BP6877G BP6856M BP6936G	BP6848G BP6838G BP6854G BP6878G BP6857M BP6937G	BP6849G BP6939G BP6855G BP6879G BP6858M BP6938G	– * – * – *																																				
 Suspension systems	24mm Grid / 15mm Grid or One Way Exposed 32mm Top Hat Grid																																								
 Weight	5.2kg/m ² (19mm), 8.2 kg/m ² (30mm), 9.5kg/m ² (35mm)																																								
 Colour	White																																								
 Sound absorption	<table border="1"> <thead> <tr> <th>Thickness</th> <th>NRC</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> <th>Hz</th> </tr> </thead> <tbody> <tr> <td>19mm</td> <td>0.85</td> <td>0.45</td> <td>0.70</td> <td>0.80</td> <td>0.90</td> <td>1.00</td> <td>1.00</td> <td>αp</td> </tr> <tr> <td>30mm</td> <td>0.90</td> <td>0.55</td> <td>0.70</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> <td>1.00</td> <td>αp</td> </tr> <tr> <td>35mm</td> <td>0.85</td> <td>0.35</td> <td>0.65</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> <td>1.00</td> <td>αp</td> </tr> </tbody> </table>			Thickness	NRC	125	250	500	1000	2000	4000	Hz	19mm	0.85	0.45	0.70	0.80	0.90	1.00	1.00	αp	30mm	0.90	0.55	0.70	0.85	1.00	1.00	1.00	αp	35mm	0.85	0.35	0.65	0.85	1.00	1.00	1.00	αp	 <p>Octave Band centre frequency (Hz) Performance Per ASTM C423</p>	
Thickness	NRC	125	250	500	1000	2000	4000	Hz																																	
19mm	0.85	0.45	0.70	0.80	0.90	1.00	1.00	αp																																	
30mm	0.90	0.55	0.70	0.85	1.00	1.00	1.00	αp																																	
35mm	0.85	0.35	0.65	0.85	1.00	1.00	1.00	αp																																	
 Sound attenuation	EN ISO 10848-2 CAC 35 dB (19mm), CAC 41dB (30mm) and CAC 43 dB (35mm) as per EN ISO 717-1																																								
 Fire resistance	Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 - Group 1, and ISO 5660 - Group 1 - S																																								
 Light reflectance	88%																																								
 Thermal conductivity	λ = 0.36 m ² K/W (19mm), 0.50 m ² K/W (30 & 35mm) as per EN 12667																																								
 Humidity resistance	RH95																																								
 Clean room	ISO 4 as per ISO 14644-1																																								
 Indoor air quality	 A+	 E1	 IACG	Cleanability / Durability   																																					
Sustainability	 38%     																																								



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