



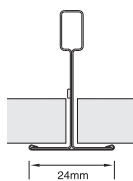
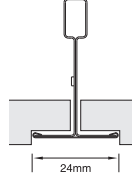
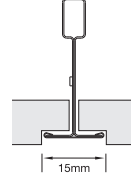
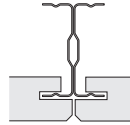
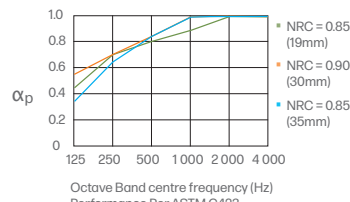
THERMATEx® Alpha HD



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 44dB)
- 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																																										
 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	BP6846G	BP6848G	BP6849G	—																																					
	1200 x 600 x 19mm	BP6847G	BP6838G	BP6939G	*																																					
	600 x 600 x 30mm	BP6853G	BP6854G	BP6855G	—																																					
	1200 x 600 x 30mm	BP6877G	BP6878G	BP6879G	*																																					
	600 x 600 x 35mm	BP6856M	BP6857M	BP6858M	—																																					
	1200 x 600 x 35mm	BP6936G	BP6937G	BP6938G	*																																					
 Suspension systems	24mm Grid / 15mm Grid																																									
 Weight	5.2kg/m ² (19mm), 8.2 kg/m ² (30mm), 9.5kg/m ² (35mm).			 Colour	White																																					
 Sound absorption	<table><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		
	Thickness	NRC	125	250	500	1000	2000	4000	Hz																																	
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35mm	0.85	0.35	0.65	0.85	1.00	1.00	1.00	αp																																		
NRC as per EN ISO 354 & EN ISO 11654																																										
 Sound attenuation	EN ISO 10848-2 CAC 35 dB (19mm), CAC 41dB (30mm) and CAC 44 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 resistance	R-Value = 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																																						
				 Wipeable	 Scratch resistance																																					
 Sustainability	 50%			 	 																																					
Specifications - Ceiling system shall comprise AMF Thermatex Alpha HD 19 / 30 / 35. - Panels shall achieve NRC 0.85 / 0.90 / 0.85, CAC 35 / 41 / 43 dB, and Clean Room ISO 4.		- Panels certified for Green Star and WELL Building. - Nominal size 600x600x__mm / 1200x600x__mm with board / Tegular 24/90 edge / Tegular 15/90 edge / K2C2 edge.		Suspension system shall be AMF Prelude XL 24mm Exposed Tee System / Slimline 15mm Exposed Tee System / Aluminium Modular Exposed 32mm Top Hat Grid.																																						



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