




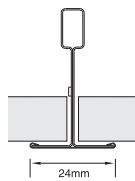
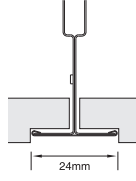
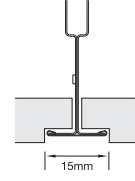
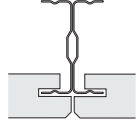





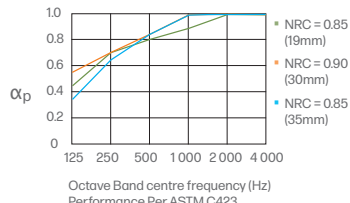




















# THERMATEX® Alpha HD



## 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																																				
 <b>Edge details</b>																																									
 <b>Dimensions (mm)</b>	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	— * — * — *																																				
 <b>Suspension systems</b>	Shall be AMF: Prelude 24mm steel T-Bar, or Slimline 15mm steel T-Bar or Aluminium Modular 32mm Top Hat Grid																																								
 <b>Weight</b>	5.2kg/m <sup>2</sup> (19mm), 8.2 kg/m <sup>2</sup> (30mm), 9.5kg/m <sup>2</sup> (35mm).			 <b>Colour</b>	White																																				
 <b>Sound absorption</b>	<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>α<sub>p</sub></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>α<sub>p</sub></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>α<sub>p</sub></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	α <sub>p</sub>	30mm	0.90	0.55	0.70	0.85	1.00	1.00	1.00	α <sub>p</sub>	35mm	0.85	0.35	0.65	0.85	1.00	1.00	1.00	α <sub>p</sub>	 <p>Octave Band centre frequency (Hz) Performance Per ASTM C423</p>		
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35mm	0.85	0.35	0.65	0.85	1.00	1.00	1.00	α <sub>p</sub>																																	
 <b>Sound attenuation</b>	EN ISO 10848-2 CAC 35 dB (19mm), CAC 41dB (30mm) and CAC 44 dB (35mm) 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 resistance</b>	R-Value = 0.36 m <sup>2</sup> K/W (19mm), 0.50 m <sup>2</sup> K/W (30 & 35mm) as per EN 12667																																								
 <b>Humidity resistance</b>	RH95																																								
 <b>Clean room</b>	ISO 4 as per ISO 14644-1																																								
 <b>Indoor air quality</b>	 A+	 E1	 IACG	<b>Cleanability / Durability</b>																																					
				 Wipeable	 Scratch resistance																																				
 <b>Sustainability</b>	 50%	 ISO 9001	 EPD	 BIO SOLUBLE WOOL	 BLUE ANGEL																																				
				 GREEN STAR	 WELL BUILDING																																				
<b>Specifications</b>	<ul style="list-style-type: none"> <li>Ceiling system shall comprise AMF Thermatex Alpha HD 19 / 30 / 35.</li> <li>Panels shall achieve NRC 0.85 / 0.90 / 0.85, CAC 35 / 41 / 43 dB, and Clean Room ISO 4.</li> </ul>		<ul style="list-style-type: none"> <li>Panels certified for Green Star and WELL Building.</li> <li>Nominal size 600x600x__mm / 1200x600x__mm with board / Tegular 24/90 edge / Tegular 15/90 edge / K2C2 edge.</li> </ul>		<ul style="list-style-type: none"> <li>Suspension system shall be AMF Prelude XL 24mm Exposed Tee System / Slimline 15mm Exposed Tee System / Aluminium Modular Exposed 32mm Top Hat Grid.</li> </ul>																																				

## Contact

p. +61 2 8198 9900  
e. [info@amfceilings.com.au](mailto:info@amfceilings.com.au)  
w. [amfceilings.com.au](http://amfceilings.com.au)

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