



HERADESIGN® ALPHA+ Wood Wool Direct Mount Panels



Features

- Available in two textures and a wide range of linear patterns and colours
- Acoustic fleece backing provides excellent sound absorption performance without the need for additional insulation.
- Durable and impact resistant
- Sustainable natural ingredients for Green Star contribution
- RH90 humidity resistance with high dimensional accuracy
- Can be applied directly to surfaces such as concrete or plasterboard, or via timber battens or steel stud and track

Application Areas

- Open plan offices
- Restaurants and Hospitality
- Retail spaces
- Gymnasiums, basketball courts and recreational spaces
- Education, including libraries and classrooms
- Auditoriums and multi-function facilities

HERADESIGN® ALPHA+

Wood Wool Direct Mount Panels



Product Data		Panel Size	15mm Thick Board	25mm Thick Board	35mm Thick Board																																																													
	Edge details		Beveled (AK-01) Edge on all sides 	Beveled (AK-01) Edge on all sides 	Beveled (AK-01) Edge on all sides 																																																													
	HERADESIGN® ALPHA+ Superfine (Fibre width 1mm) Colour - Natural		600 x 600mm	HSAAK01060615	HSAAK01060625	HSAAK01060635																																																												
			1200 x 600mm	HSAAK01120615	HSAAK01120625	HSAAK01120635																																																												
	HERADESIGN® ALPHA+ Fine (Fibre width 2mm) Colour - Natural		600 x 600mm	HFAAK01060615	HFAAK01060625	HFAAK01060635																																																												
			1200 x 600mm	HFAAK01120615	HFAAK01120625	HFAAK01120635																																																												
	Suspension systems	Timber Battens or Stud & Track Systems (supplied by others). # Refer to Installation Guide for Ball Impact construction for gymnasiums.																																																																
	Colour options - Refer to RAL Chart Surface Finish Factory applied acrylic paint Visual Consideration Colour and pattern variation is common across panels due to the natural characteristics of wood																																																																	
	Sound absorption	<table border="1"> <thead> <tr> <th>Pattern</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>Fine 15mm</td> <td>0.70</td> <td>0.45</td> <td>0.80</td> <td>0.75</td> <td>0.65</td> <td>0.70</td> <td>0.80</td> <td>α_p</td> </tr> <tr> <td>Fine 25mm</td> <td>0.75</td> <td>0.50</td> <td>0.75</td> <td>0.80</td> <td>0.70</td> <td>0.80</td> <td>0.80</td> <td>α_p</td> </tr> <tr> <td>Fine 35mm</td> <td>0.80</td> <td>0.45</td> <td>0.80</td> <td>0.80</td> <td>0.80</td> <td>0.85</td> <td>0.85</td> <td>α_p</td> </tr> <tr> <td>Superfine 15mm</td> <td>0.80</td> <td>0.45</td> <td>0.80</td> <td>0.80</td> <td>0.75</td> <td>0.85</td> <td>0.90</td> <td>α_p</td> </tr> <tr> <td>Superfine 25mm</td> <td>0.85</td> <td>0.45</td> <td>0.75</td> <td>0.90</td> <td>0.85</td> <td>0.95</td> <td>0.95</td> <td>α_p</td> </tr> <tr> <td>Superfine 35mm</td> <td>0.90</td> <td>0.45</td> <td>0.85</td> <td>0.90</td> <td>0.90</td> <td>0.90</td> <td>0.90</td> <td>α_p</td> </tr> </tbody> </table> <p>Notes: 1. The absorption values above are tested with E-200 mounting (Total construction height of 200mm from bottom of ceiling to under side of slab) 2. Contact your AMF office for further details, including test reports</p>	Pattern	NRC	125	250	500	1000	2000	4000	Hz	Fine 15mm	0.70	0.45	0.80	0.75	0.65	0.70	0.80	α_p	Fine 25mm	0.75	0.50	0.75	0.80	0.70	0.80	0.80	α_p	Fine 35mm	0.80	0.45	0.80	0.80	0.80	0.85	0.85	α_p	Superfine 15mm	0.80	0.45	0.80	0.80	0.75	0.85	0.90	α_p	Superfine 25mm	0.85	0.45	0.75	0.90	0.85	0.95	0.95	α_p	Superfine 35mm	0.90	0.45	0.85	0.90	0.90	0.90	0.90	α_p	 <small>Octave Band centre frequency (Hz) Performance Per ASTM C423</small> <ul style="list-style-type: none"> • NRC = Fine 15mm • NRC = Fine 25mm • NRC = Fine 35mm • NRC = Superfine 15mm • NRC = Superfine 25mm • NRC = Superfine 35mm
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	Fire resistance	Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 - Group 1, and ISO 5660 - Group 1 - S																																																																
	Thermal resistance	Thermal Insulation (R- Value) 0.15 m ² K/W (15mm), 0.25 m ² K/W (25mm), 0.35 m ² K/W (35mm)																																																																
	Humidity resistance	Humidity Resistance (RH90% at 5°C - 40°C) Refer to website for additional information																																																																
	Weight	Superfine: 7.8 kg/m ² (15mm)	12.8 kg/m ² (25mm)	16.5 kg/m ² (35mm)																																																														
		Fine: 8.2 kg/m ² (15mm)	13.3 kg/m ² (25mm)	17.5 kg/m ² (35mm)																																																														
	Indoor air quality	 A+	Cleanability / Durability																																																															
			Product Handling	Cleanable	Scratch Resistant	Impact Resistant																																																												
	Sustainability																																																																	

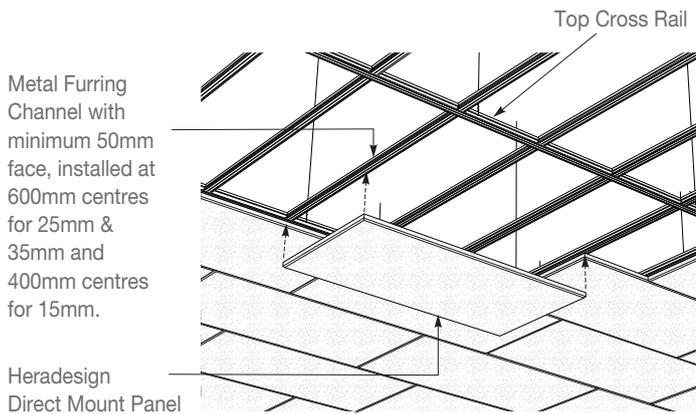
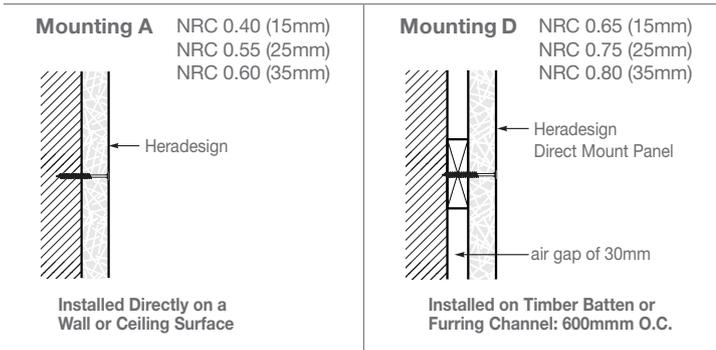
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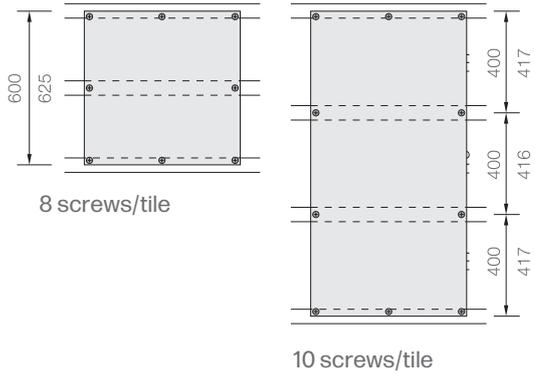
Construction Method

Wall and Ceiling - Direct Mounting Options and Acoustical Performance
(Note: Acoustic values based on Superfine texture)

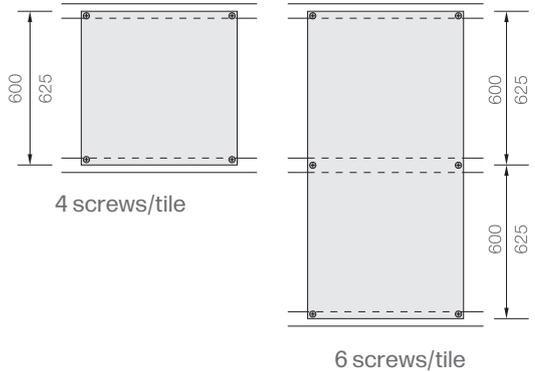
Suspended Ceiling - Direct Mount Panel Configuration



Screw pattern for 15 mm tiles



Screw pattern for 25 mm tiles



Refer to the AMF HERADESIGN® Installation Guide for further details, including screw fixing specification for ball impact applications / gymnasiums.



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