

# HERADESIGN® Wood Wool Direct Mount Panels

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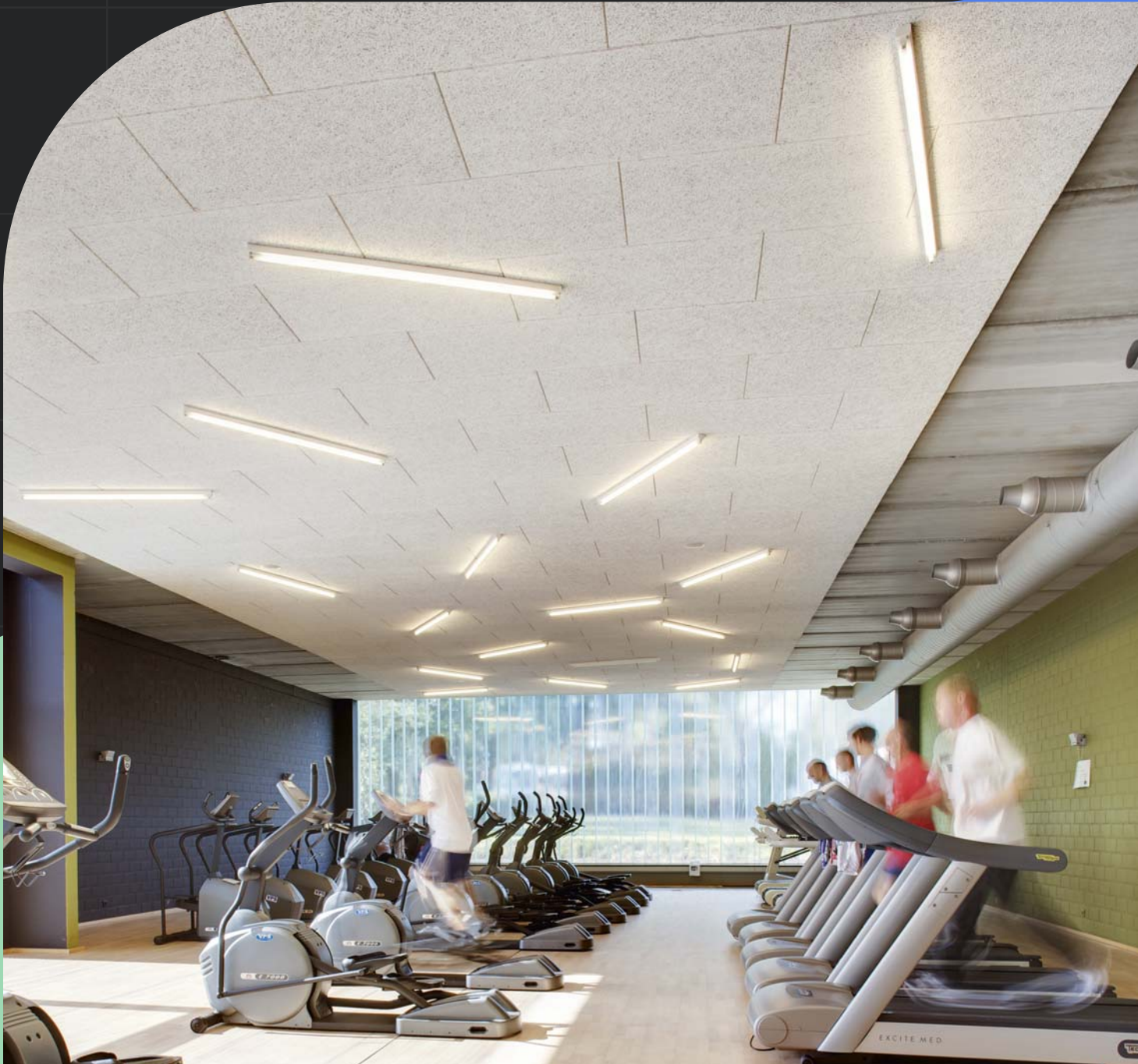
## Benefits

- Available in two textures and a wide range of colors for flexible design
- Excellent sound absorption for a quieter, more comfortable space
- 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® WOOD WOOL



# HERADESIGN® Wood Wool Direct Mount Panels



RH90  
Humidity  
Resistant



Scratch  
Resistant



Product  
Handling  
Durability



Cleanable



Impact  
Resistant#



Very Low  
Emissions



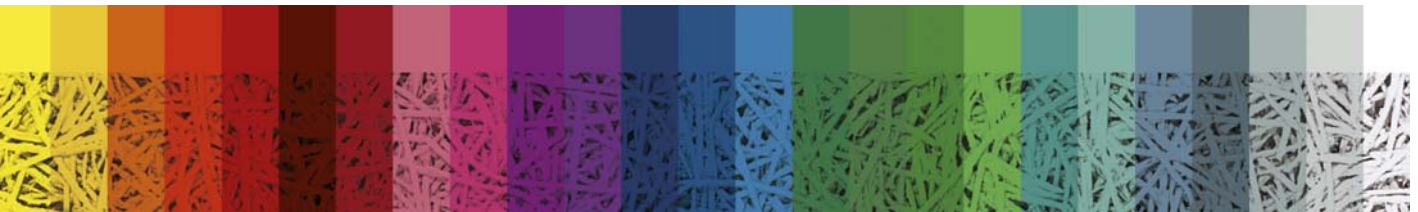
Acoustical  
Comfort

**Heradesign®**

Panel Options		PANEL SIZE (mm) ACTUAL	BEVELED (AK-01) EDGE ON ALL SIDES 25MM THICK BOARD	BEVELED (AK-01) EDGE ON ALL SIDES 35MM THICK BOARD
<b>Pattern – Superfine</b> (Fibre width 1mm) <b>Colour – Natural</b>		600 x 600	HSAK01060625	HSAK01060635
		1200 x 600	HSAK01120625*	HSAK01120635
<b>Pattern – Fine</b> (Fibre width 2mm) <b>Colour – Natural</b>		600 x 600	HFAK01060625	HFAK01060635
		1200 x 600	HFAK01120625	HFAK01120635

- Notes:**
1. Special items and other sizes available upon request.
  2. For all items: Contact your local Armstrong Ceilings representative for stock availability.
  3. Maximum Panel Size is 2400 x 600mm
  4. # Refer to Installation Guide for Ball Impact construction for gymnasiums.
  5. \* Stock Item

## COLOUR OPTIONS

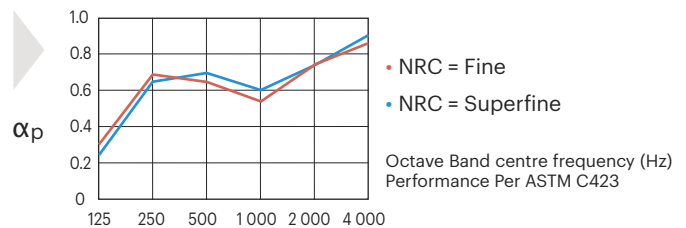


EN ISO 354 &  
EN ISO 11654

Pattern	NRC	125	250	500	1000	2000	4000	Hz
<b>Fine</b>	<b>0.70</b>	0.30	0.70	0.65	0.55	0.75	0.85	$\alpha_p$
<b>Superfine</b>	<b>0.70</b>	0.25	0.65	0.70	0.60	0.75	0.90	$\alpha_p$

### 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. Tested sound absorption of up to NRC 1.00 with 40mm x 50kg/m<sup>3</sup> acoustic infill and E-200 mounting
3. See page 3 for absorption values for various mounting types.
4. Contact your Armstrong office for further details, including test reports



Sag Resistance (RH90% at 5°C – 40°C)  
Refer to website for additional information



Conforms with NCC Spec. C110 as tested to AS  
5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S



Thermal Insulation (R- Value)  
0.25 m<sup>2</sup>K/W (25mm)  
0.35 m<sup>2</sup>K/W (35mm)



Superfine: 12.6 kg/m<sup>2</sup> (25mm) 16.5 kg/m<sup>2</sup> (35mm)  
Fine: 13.3 kg/m<sup>2</sup> (25mm) 17.5 kg/m<sup>2</sup> (35mm)

**Material**  
Magnesite  
bonded  
wood fibres

**Surface  
Finish**  
Factory  
applied  
acrylic paint

**Visual Consideration**  
Colour and pattern variation  
is common across panels due  
to the natural characteristics  
of wood

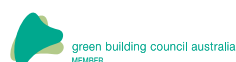
**Backloading  
Recommendation**  
Contact your local Armstrong  
Ceilings representative

**Suspension Systems**  
Timber Battens or Stud &  
Track Systems (supplied  
by others).

**Before ceiling construction  
starts, refer to Armstrong  
Heradesign Installation  
Guide**

## Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality		Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 20.1 / 20.2 RESPONSIBLE BUILDING MATERIALS – Certified Timber	Credit 21-D / 21-D SUSTAINABLE PRODUCTS – Environmental Product Declarations
✓	✓	✓	✓



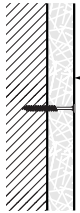







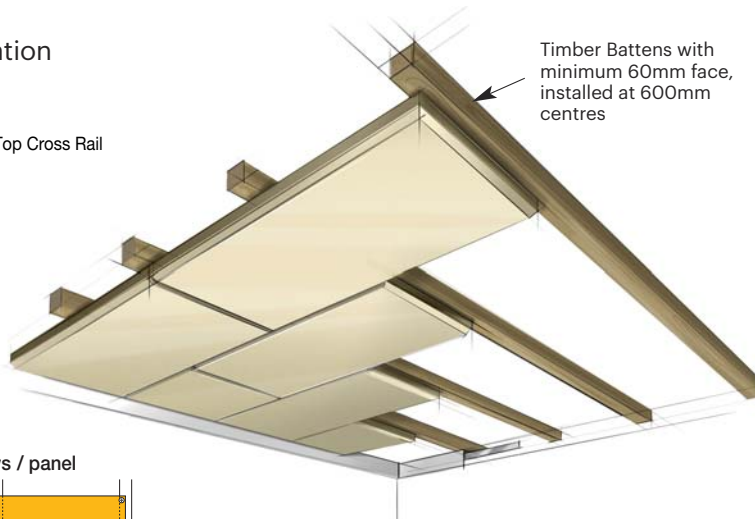
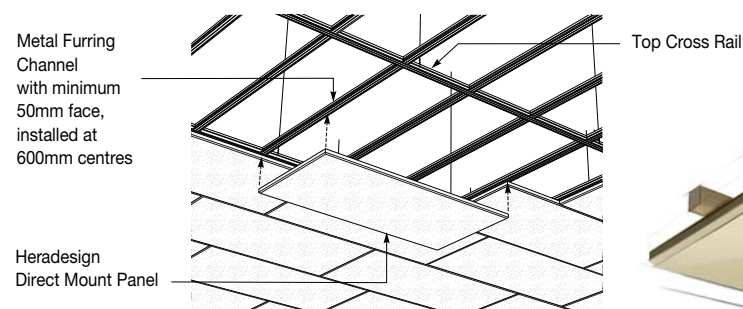
## Construction Method

Wall and Ceiling – Direct Mounting Options and Acoustical Performance

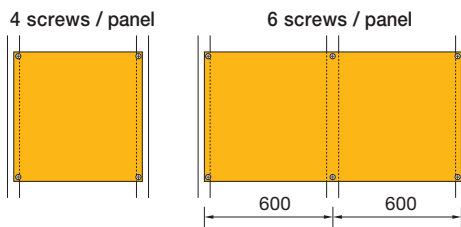
(Note: Values vary slightly based on finish: Fine or Superfine. Contact your Armstrong representative for details)

<p><b>Mounting A</b> NRC 0.55 (25mm) NRC 0.65 (35mm)</p>  <p>Heradesign</p> <p>Installed Directly on a Wall or Ceiling Surface</p>	<p><b>Mounting D</b> NRC 0.50 (25mm) NRC 0.55 (35mm)</p>  <p>Heradesign Direct Mount Panel</p> <p>air gap of 30mm</p> <p>Installed on Timber Batten or Furring Channel: 600mm O.C.</p>	<p><b>Mounting C</b> NRC 0.80 (25mm) NRC 0.85 (35mm)</p>  <p>Heradesign Direct Mount Panel</p> <p>30mm x 50kg/m³ insulation</p> <p>Installed on Timber Batten or Furring Channel: 600mm O.C.</p>	<p><b>Mounting C</b> NRC 0.95 (25mm) NRC 0.90 (35mm)</p>  <p>Heradesign Direct Mount Panel</p> <p>50mm x 50kg/m³ insulation</p> <p>Installed on Timber Batten or Furring Channel: 600mm O.C.</p>
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### Suspended Ceiling – Direct Mount Panel Configuration



Standard Screw Pattern for Mounting Heradesign Acoustic Panels of 25mm or 35mm thickness



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

# HERADESIGN® Wood Wool Direct Mount Ceiling and Wall Panels

**Heradesign®**



## Contact us

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