

# Au.diBoard<sup>TM</sup> data sheet

## Product Description

Au.diBoard is a high performance perforated plasterboard which assists in the maintenance of acoustic control when installed with our optional Integrated Acoustic Backing (IAB) or an appropriate acoustic backing material. Au.diBoard can be used in almost any dry, non-contact application where a functional, utilitarian acoustic product is required.

## Product Features

- Ease of installation
- Economical
- Large range of sizes, perforation and margin options
- Can be flush jointed into existing plaster work

## Applications

Walls and ceilings

## Variations

- Ceiling panels for exposed grid systems
- Integrated Acoustic Backing (IAB)

## Material Sizes

Standard panel size availability is as shown below. For non-standard panel sizes and thicknesses consult Atkar Technical Staff.

	13.0mm Recessed Edge
3600 x 1200mm	•
3000 x 1200mm	•
2700 x 1200mm	•
2400 x 1200mm	•

## Jointing Options

- Recessed edge with borders for Flush Jointing

## Finish Options

- Raw – coated on site

*Please Note: Au.diBoard should be roller coated with short nap roller and not spray finished as any coating of Integrated Acoustic Backing (IAB) will impede or even eliminate the acoustic performance of the panels.*

## Fixing Systems

Face fix

## Substrates

Plasterboard

## Fire Rating

For Group Number fire ratings please contact Atkar.

## Warranty

Au.diBoard is warranted for fifteen (15) years. Refer to Warranty document for terms.

## Perforation Patterns

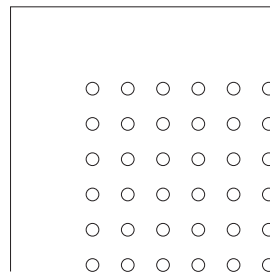
Our manufacturing technique allows Au.diBoard to be produced with a variety of open area and margin options. These options are covered in the following details and are applicable to the panel sizes as indicated. For custom patterns consult Atkar.

## Acoustic performance

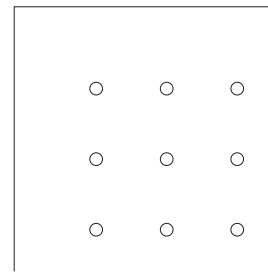
### Open Area Guide

Diameter		Type AB125S	Type AB250S	Type AB250D
mm	Code			
4.5	45	7.95%		
6.0	60	14.08%		
10.0	100		9.95%	19.55%
12.0	120		14.33%	

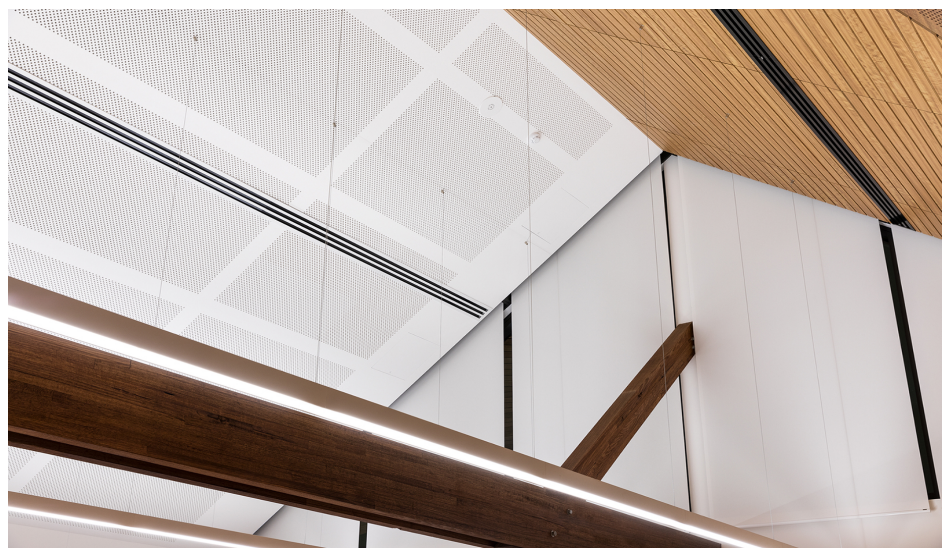
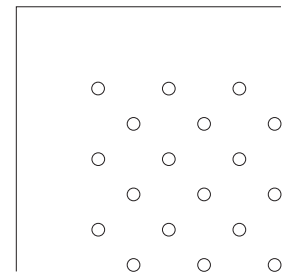
Product Type AB125S



Product Type AB250S



Product Type AB250D



# Au.diBoard installation guide

**Maintenance** Remove marks and dust with a damp cloth and dry thoroughly. A mild cleaning agent can be used for stubborn marks. Do not use abrasive cleaning chemicals or strong solvents. By observing these basic guidelines, Au.diBoard will maintain its premium appearance.

## Margin Options

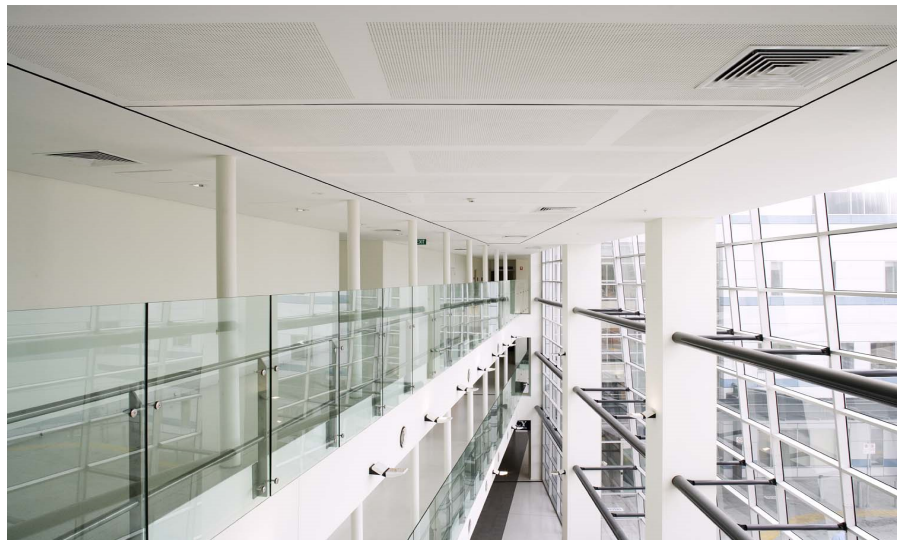
Standard unperforated margins are 75mm or 100mm. For non-standard margins, please consult Atkar Technical Staff.

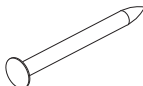
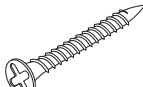
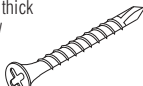
## Installation Details

Install Au.diBoard with the paper-bound edges at right angles to framing and in accordance with standard plasterboard design considerations.

The table at the right should be read in conjunction with these details to establish the correct fixing and framing centres. Closer framing centres are required for curved surfaces.

The sheet layout should be planned before installation giving due consideration to unperforated margins, and is recommended to be detailed on the project drawings at design stage. Care should be used to ensure that rows of perforations from panel to panel are accurately aligned to maintain a consistent appearance.

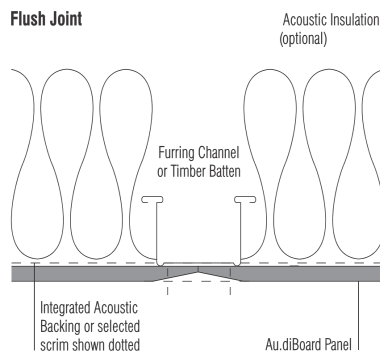


Material Thickness (mm)	Maximum Framing Centres (mm)	Fastener Centres Perimeter (mm)	Fastener Centres Intermediate (mm)	Expansion Joints Required	Fastener Type
13.0	600	<b>Walls</b>			<b>Timber</b> 3.0 x 2.8 plasterboard nail  <b>Steel</b> Light gauge steel BH 6/25 S pt screw  <b>Steel</b> 0.75 – 12mm thick DB 6/25 screw 
		200	300	Yes flush jointed applications only	
		<b>Ceilings</b>			
		200	250	Yes flush jointed applications only	

General fixing guide only, consult Atkar Technical Staff for full details.

## Joining Details

### Flush Joint



*Attention – The method of fixing indicated for this product is of a general nature only and does not allow for specific design criteria such as wind loads, expansion joints or any other special design requirements which should be separately provided for by the specifier.*

*Due to continual product improvement the information in this publication is subject to alteration without notice.*