Head Office
17–19 David Lee Road Hallam Victoria 3803
PO Box 1143 Narre Warren MDC 3805
T 03 9796 3333

atkar.com.au

WA/SA Region
PO Boc 710 Joondalup DC 6919
T 08 6323 5662

atkargroup
Acoustic Linings | Wall & Ceiling Systems

Au.diMicro™ data sheet

Product Description
Au.diMicro is designed to provide a solid timber panel aesthetic while offering a high level of sound absorption. The engineered micro perforations are so small that they are almost invisible.

Product Features
- Fully customisable and manufactured in Victoria with shorter lead times
- High acoustic performance with the classic look of timber
- Micro perforations have no visual impact on the timber colour or grain, providing the seamless solid panel look
- Standard range of pre-finished timber grain and decorative surfaces

Variations
- Edge profiling
- Sonus Integrated Acoustic Backing

Applications
- Walls and ceilings

Jointing Options
- Expressed joint (allowance should be made for dressing of panel edges)
- Butt joint

Fixing Systems
- Au.diMount BJ2 (walls)
- Au.diMount XJ1 (walls)
- Au.diMount CX4 (ceilings)

Finish Options
- Inluxe Micro in timber veneer or laminate finishes

Substrates
- MDF Standard / Fire Rated / Moisture Resistant
- Blackcore Standard / Fire Rated

Fire Rating
For Group Number fire ratings please contact Atkar.

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

Maintenance
Remove any marks or dust with a damp cloth and dry thoroughly. Stubborn stains can be removed with a gentle cleaner and soft cloth. Do not use abrasive cleaning chemicals or strong solvents. Adhesive tape should never be applied to the surface of the panels during maintenance as this may damage the face finish.

Material Sizes
Au.diMicro is available pre-finished in our select range of decorative surfaces finishes in the following sizes. For non-standard sizes, consult Atkar Technical Staff.

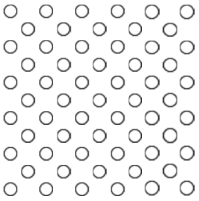
MDF sizes	12.0mm	16.0mm	18.0mm
3000 x 1200mm	○	○	○
3000 x 900mm	●	●	●
3000 x 600mm	●	●	●
2700 x 1200mm	○	○	○
2700 x 900mm	●	●	●
2700 x 600mm	●	●	●
2400 x 1200mm	●	●	●
2400 x 900mm	●	●	●
2400 x 600mm	●	●	●
1800 x 1200mm	●	●	●
1800 x 900mm	●	●	●
1200 x 1200mm	●	●	●
1200 x 600mm	●	●	●
600 x 600mm	●	●	●

○ Standard size ● Non-standard size

Acoustic Properties
NRC value up to 0.85
Micro perforations 0.5mm diameter

Perforation Patterns
Illustrated below is the perforation pattern of Layer 1 - the micro perforated face.

Close up view of Product Type TVM5-100

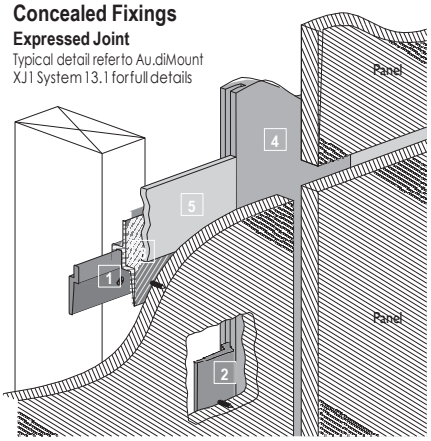


atkargroup
Acoustic Linings | Wall & Ceiling Systems

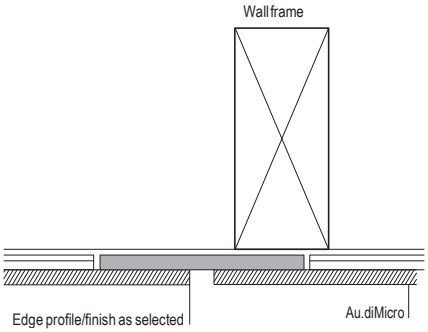
Au.diMicro data sheet

Concealed Fixings

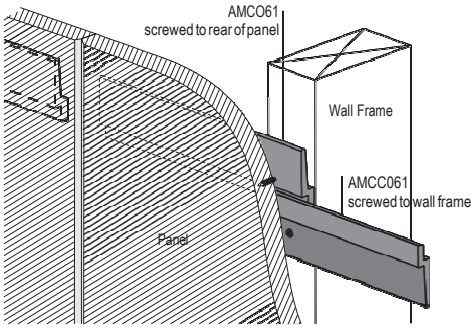
Expressed Joint
Typical detail refer to Au.diMount XJ1 System 13.1 for full details



Expressed Joint – Plan view
Au.diMount Concealed Fixing System (Refer to Installation System - XJ1)



Butt Joint System
Typical detail refer to Au.diMount BJ2 System 13.2 for full details



Installation Details

The following table provides a fixing guide for general residential and commercial applications. Panels can be conceal fixed. Refer to Au.diMount data sheets for applicable concealed fixing systems.

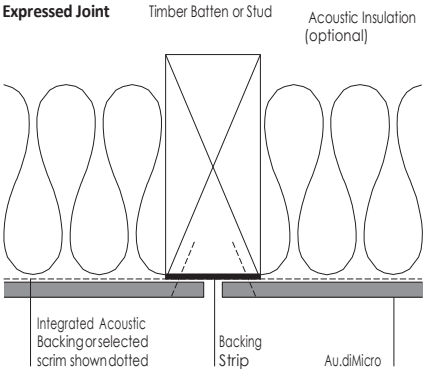
Consideration should be given to reduced framing centres for higher impact areas such as corridors and crowded spaces, or where surfaces are to be curved. Au.diMicro wall panels should be installed with a full perimeter support.

Caution is advised when handling the panels to avoid puncturing the veneer surface. To minimise the risk of buckling, it is recommended that the panels be allowed to acclimatise in the area in which they are to be installed. This is best achieved by standing individual panels loosely around the room and allowing air to freely circulate around them several days prior to fixing. Allowance should be made between panels to accommodate swelling and building movement.

Material Thickness (mm)	Maximum Framing Centres (mm)	Fastener Centres Perimeter (mm)	Fastener Centres Intermediate (mm)	Expansion Joints Required	Fastener Type
MDF		***Walls and Ceilings***		No	***Timber***
12.0–18.0	600	200	300		Flat Head Nail, example 40 x 2.0mm Panel Pin
Other*					***Steel 0.6 – 1.2mm***
					HD 8/22, 8/30, 8/40 depending on panel thickness

Jointing Details

Expressed Joint



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

* For other thicknesses consult Atkar Technical Staff.

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.

