

Au.diMount PS3 Fixing System

Installation Instructions

System Description

The Au.diMount PS3 System is a fixing system for interior perforated timber substrate ceiling panels that can be either installed in a suspended ceiling configuration with furring channels or directly fixed to the substructure.

Au.diMount PS3 system includes an Infill Strip that can have different finish and be used in a wide range of expressed joint sizes as well as in butt joints, allowing the designer to customize the panel articulation.

Features and Benefits

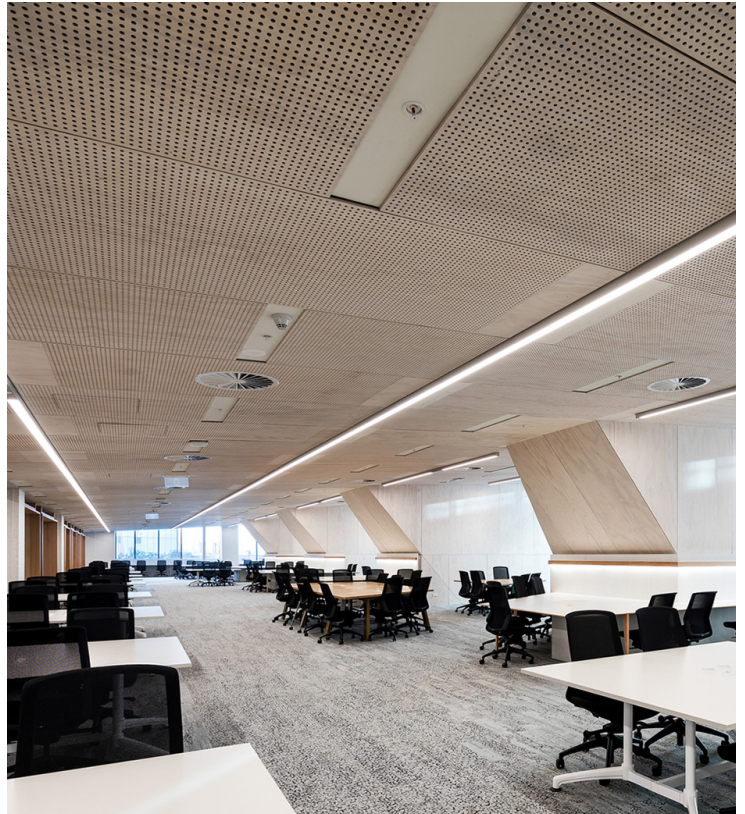
- Concealed fixing for an uninterrupted pleasant appearance
- Easy to install to increase onsite productivity
- Panels demountability for maintenance and access the plenum
- Integral expressed joint infill detail
- Compatible with most standard suspended ceiling systems
- Integral access hatch system available (contact Atkar for further details)

PS3 System Applications

- Suitable for timber substrate perforated ceiling panels
- Minimum panel thickness: 12mm
- Minimum perforation: 6mm wide
- Expressed joint size: recommended range 6mm to 50mm wide
- Recommended for interior use only

Other suitable applications

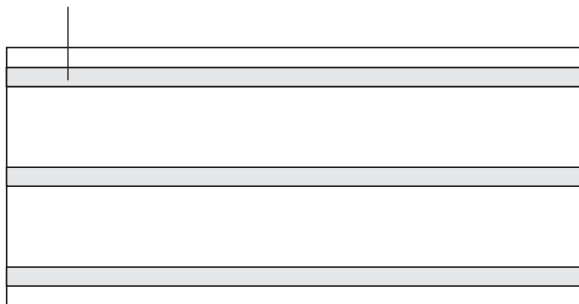
- Variable joint width
- Large range of joint infill finishes



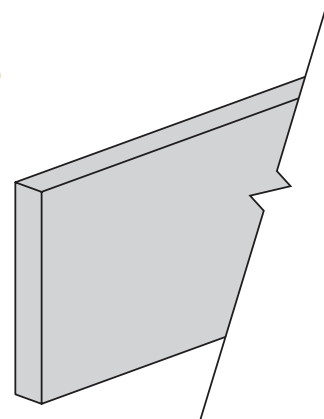
System Components

1. PS3 Fixing Strip
2. Infill Strip
3. TH 7x25 Fixing Screw
4. Square Driver Bit

- 1 PS3 Fixing Strip (mounted on the back side of Atkar panel)



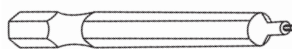
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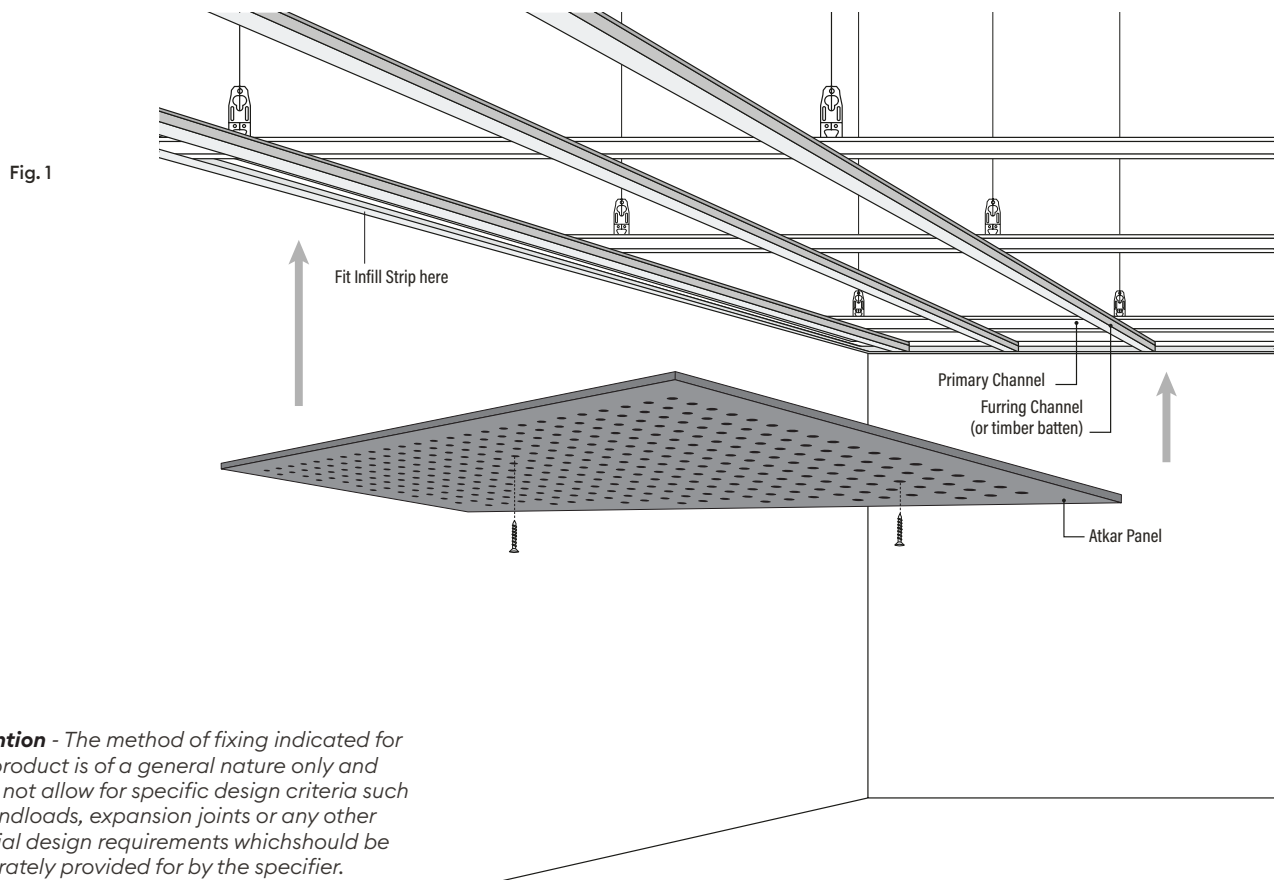
Fixing Guide Table

Panel Type	Material Thickness (mm)	Maximum Framing Centres (mm)	Fasteners Centres Perimeter	Fasteners Centres Intermediate
MDF	12	600	200	300
	16 - 18	600	300	300
PLYWOOD	12	600	200	300
	16 - 24	600	300	400

Fixing Table provides a general guide only. A reduction in Framing Centres should be evaluated for high impact area as corridors and crowded places as well as for area where panels are to be curved.

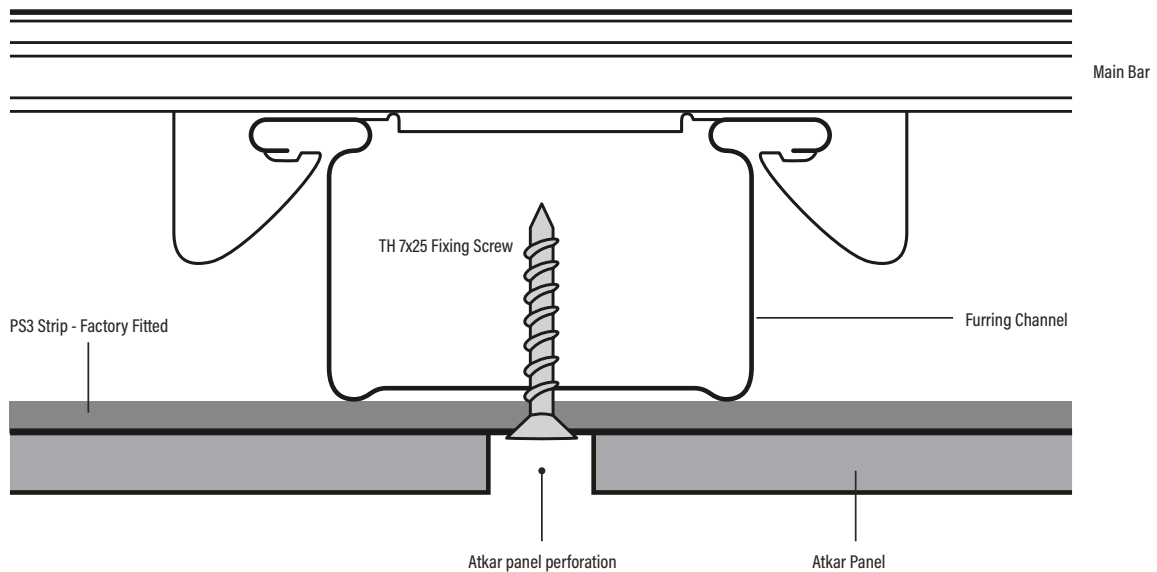
Installation procedure

- Support Framing system:** prior to construction of the support framing system, the entire ceiling should be set out in a grid format, bearing in mind location of fixing points as determined by panel layout.
 - It is recommended that set out is conducted from the centre of the room and that location of light fittings and other service items is considered to avoid cutting through any of the framing components or panel fixing points.
 - It is important that layout grid is kept square and accurate to avoid complications with panel installation.
- Begin the panel installation from a corner as per Figure 1, ensuring that all panels are aligned to the panel layout grid.



3. Position panels so as fixing strips (located along the length of a panel, typically in 3 rows) are perpendicular to support framing (i.e. furring channels).
4. Attach panel to support framing by fixing TH 7x25 fixing screws through one of the panel perforations at 300mm maximum centres. Ensure that screws pass through the Fixing Strip with sufficient material around the strip to gain full support. Do not overdrive screws.

Fig. 2



5. Fit Infill Strips once panel is mounted (refer to figure 1). Panel side adjacent to wall or abutment don't need to be fitted with Infill Strips.
6. Repeat the sequence to mount adjoining panels, making minor adjustments to the expressed joint width, if necessary, to accommodate any tolerance discrepancies.
7. When all panels have been installed, check adjoining panel flushness, and check expressed joints alignment; adjust when necessary.

Demounting Instructions

It is not recommended that panels are demounted and re-installed by unqualified personnel. Any lack of system knowledge could lead to a system failure.

1. To demount a panel, locate and remove screws from within the perforations
2. Lower panel straight down (this usually requires two people)
3. To re-install a panel, position it and fix screws as per Installation Instructions
4. Ensure screws are fixed back through the Fixing Strips. Failure to secure properly the panel through all Fixing Strips could lead to system failure and panel dislodgement. Do NOT use original screws locations.

Compliance with AS Standards

Au.diMount PS3 is tested to comply with AS/NZS 2785 Suspended Ceilings.

If seismic compliance is required, please contact Atkar on 1300 333 833 or email enquiries@atkar.com.au