

Au.diVent™ data sheet

Product Description

Durable fibre cement sheet panel with modular slot style perforations. Suitable for use as a ventilation panel or as an acoustic panel when supplied with our optional Integrated Acoustic Backing (IAB) or when installed with an appropriate absorbent backing material. Au.diVent is available with a choice of panel joint details to suit specific requirements and is ideally suited to high humidity or corrosive applications. Au.diVent helps to reduce ceiling space heat build-up and condensation by allowing natural ventilation of the roof space through the Au.diVent eaves.

Product Features

- Unaffected by steam, moisture, sunlight or vermin
- Excellent water resistant properties
- Ideal for harsh environments
- Variety of jointing options
- Suitable for curved surfaces

Variations

- Slotting module can be customised to suit special width sheets
- Square or recessed edge

Jointing Options

- Vee or Expressed Joint
- Recessed edge for Flush Jointing

Applications

Walls and ceilings

Material Sizes

Au.diVent panel thickness is 6mm and 9mm. Standard panel size availability as shown below.

Width (mm)	Length (mm)					
600	600		1800	2400		3000
900			1800	2400	2700	
1200	600	1200	1800	2400	2700	3000

For non-standard panel or module sizes, consult Atkar.

Substrate

Fibre cement

Fire Rating

BCA Group 1

Finish Options

- Raw – coated on site
- Tinted undercoat – top coat applied on site

Please Note: Au.diVent 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.



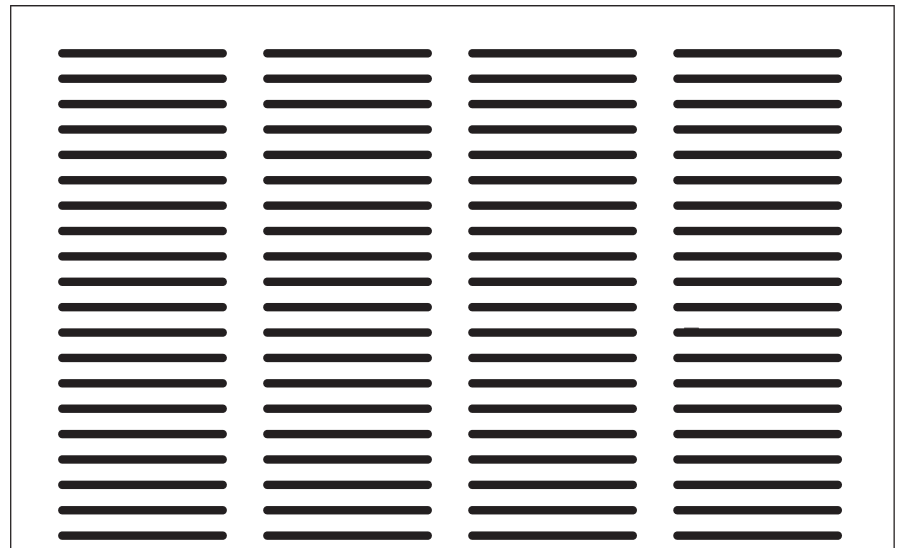
Perforation Patterns

Illustrated below is the standard perforation pattern available for full sheets.

Acoustic Performance

Au.diVent AV205-216 provides an open area of approximately 16%.

Product Type AV205-216



Note: Drawing only displays section of 1200mm wide panel.

Warranty

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

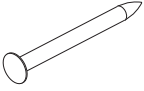
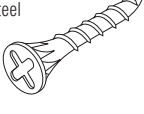
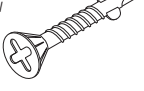
Fixing Systems

Face fix

Maintenance

Remove any marks or dust with a damp cloth and dry thoroughly. Stubborn stains or grease can be removed with a gentle cleaner and a 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.

Au.diVent installation guide

Material Thickness (mm)	Maximum Framing Centres (mm)	Fastener Centres Perimeter (mm)	Fastener Centres Intermediate (mm)	Expansion Joints Required	Fastener Type
Walls					
6.0	300	200	300	Yes flush jointed applications only	Timber 3.0 x 2.8 fibre cement nail  Steel Light gauge steel SEH 8/20 S pt screw 
9.0	450				
Ceilings					
6.0	300	200	250	Yes flush jointed applications only	Steel 0.75 - 1.2mm thick HD 8/22 screw 

Installation Details

The table to the left provides a fixing guide for general commercial applications.

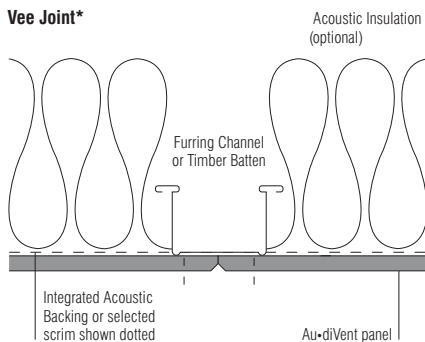
Au.diVent sheets should be fixed at right angles to framing where possible with sheet ends coinciding with framing members. Do not fix sheets directly to the underside of roof framing or structural members. Battens or furring channels must be used. Closer framing centres are required for high wind applications and where sheets are to be curved. For these applications or where flush jointing is to be incorporated, contact Atkar Technical Staff for details.

Jointing Details

Please note. Acoustic insulation and selected scrim are only applicable in acoustic applications.

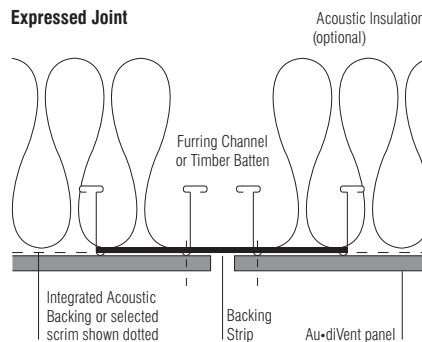
Locate fasteners not less than 12mm from sheet edges and 50mm from sheet corners.
 General fixing guide only, consult Atkar Technical Staff for full details.

Vee Joint*

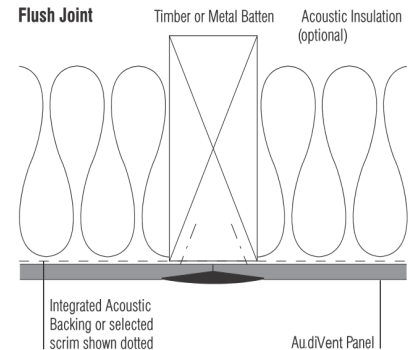


*Vee jointing may create difficulties with panel and perforation alignment

Expressed Joint



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.