

# Au.diLux™ data sheet

## Product Description

This round-hole perforated fibre cement panel is easily incorporated into a wide variety of wall and ceiling systems. When supplied with our optional Integrated Acoustic Backing (IAB) Au.diLux™ provides a tough, durable lining with excellent acoustic properties. It is ideal for high humidity or corrosive environments due to its versatile fibre cement substrate. These features make it an excellent soffit lining.

## Product Features & Variations

- Unaffected by steam, moisture, sunlight or vermin
- Excellent water resistant properties
- Rot, warp, and fire resistant
- 6 standard perforation patterns (custom patterns available on request)
- Variety of margin options, including continuous margins for select perforation patterns

## Finish Options

- Fully-finished—Paint to match any colour, or finish clear
- Raw—paint on site
- Undercoated—final coat applied on site

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

## Material Sizes

- Panel thickness is 8mm (5/16"). Standard panel sizes are shown below. For non-standard sizes, consult Atkar Technical Staff.
- 600mm x 600mm      – 1200mm x 1200mm
- 600mm x 1200mm    – 1200mm x 2400mm

## Perforation Patterns

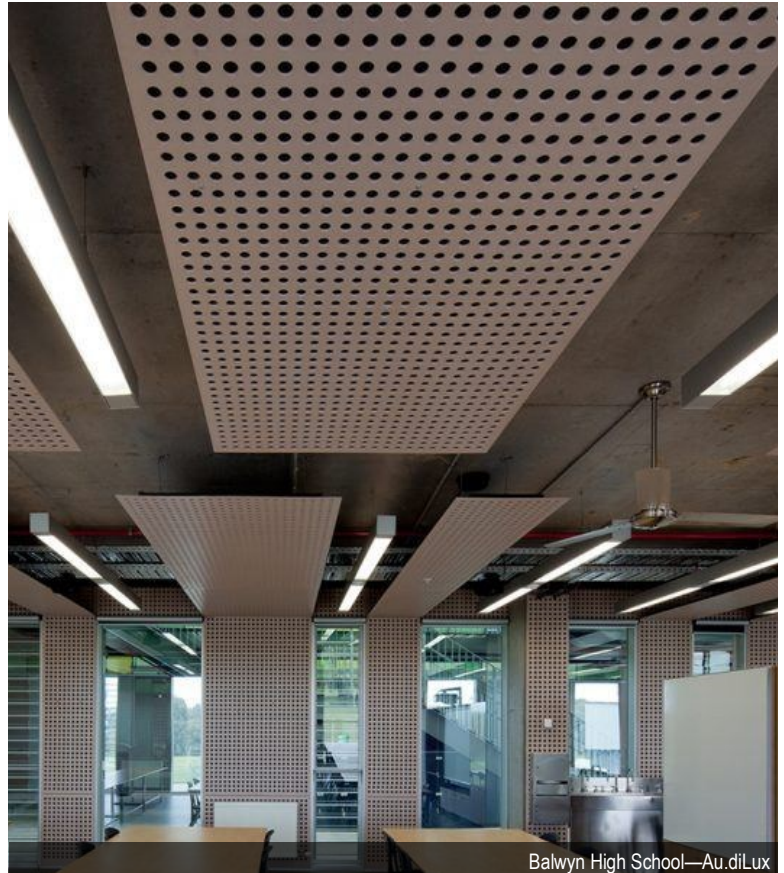
Standard patterns are illustrated here with open area marked in brackets. For non-standard perforation patterns, consult Atkar Technical Staff.

## Margin Options

Standard patterns allow for an unperforated margin. The two patterns marked with an asterisk (\*) are also available in a continuous format, so that the perforations flow from one panel to the next. Consult Atkar technical staff for custom continuous patterns.

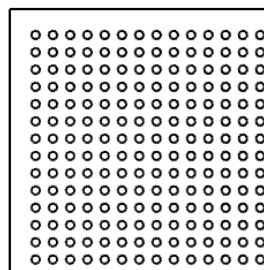
## Sustainability

Refer to Environmental Data Sheet. Consult Atkar Technical Staff to determine which LEED credits will be available for your specific project.

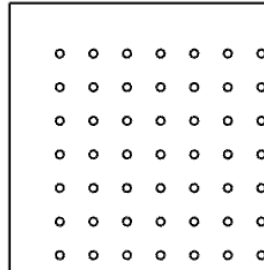


Balwyn High School—Au.diLux

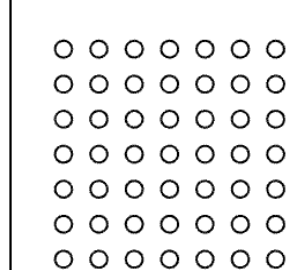
AL125S/60 (18.1%)



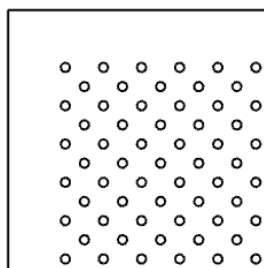
AL250S/60 (4.5%)



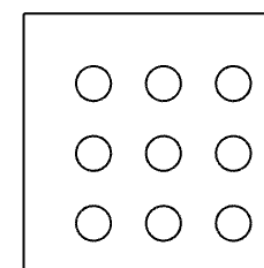
AL250S/120 (18.1%)



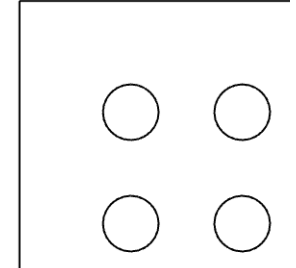
AL250D/60 (9.0%)



AL500S/250\* (19.6%)



AL1000S/250\* (9.8%)



# Au.diLux™ data sheet



Maddocks Lawyers office, Melbourne—Au.diLux

## Acoustics

There are many factors that influence the NRC of Au.diLux™ panels, but some approximate acoustic data is provided below. You can specify your Au.diLux™ panels to be installed along with acoustic insulation. Acoustic duct liner blankets or boards can be purchased through Atkar or a local vendor.

- E90 mounting, no insulation
  - ~0.60-0.65 NRC
- E50 mounting, 1" insulation
  - ~0.70 NRC

## Installation System

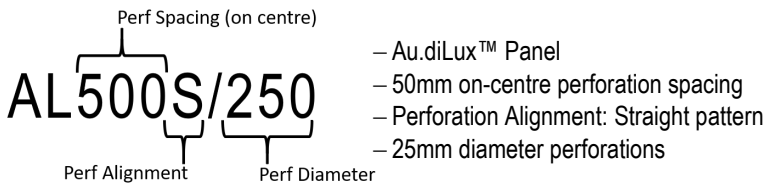
- Exposed Fasteners—colour-matched fasteners provided by Atkar or contrasting fasteners may be selected
- Face Fastened—standard countersunk drywall screws (only applicable for site painted product—fasteners will need to be mudded over & sanded prior to painting)

## Fire Rating

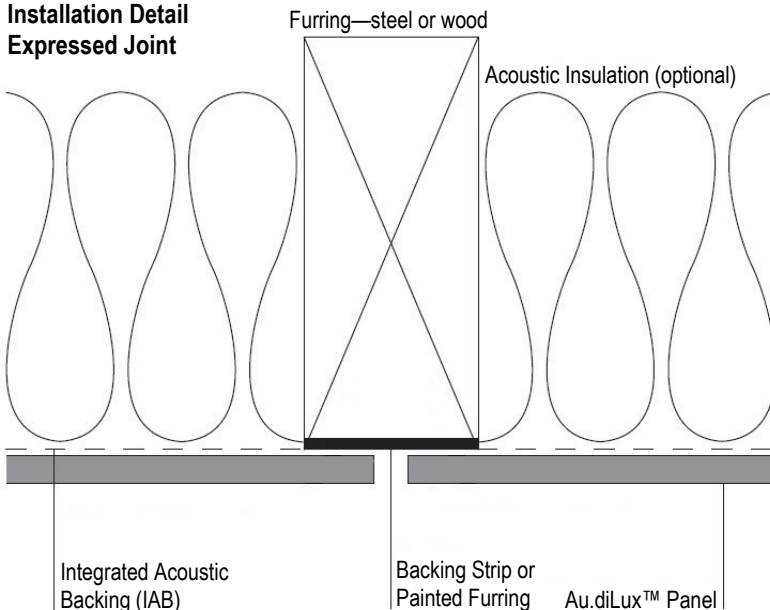
- Au.diLux™ is composed of fibre-cement and (if selected) our standard IAB, both of which meet Class A requirements.
- Fibre-cement: CAN/ULC-S114/ASTM-E136 Non-combustible
  - Fibre-cement: CAN/ULC-S102/ASTM-E84 Class A
  - Standard IAB: ASTM-E84 Class A

## How to Specify

- Perforation Spacing (on centre)
  - Perforation spacing in mm, 3 digits
    - e.g. 25mm (1") = 250, 50mm (1-15/16") = 500
- Perforation Alignment
  - S = straight pattern
  - D = 45° staggered pattern
- Perforation Diameter
  - Perforation diameter in mm, 3 digits
    - e.g. 6mm (1/4") = 60, 25mm (1") = 250



## Installation Detail Exposed Joint



Moor Street Studio, Fitzroy—Au.diLux