

PLANET

Acoustics & Architecture



PAA : SonaBreak
Seamless Plaster

Eaton Community College Science Building
Architects : Site Architecture Studio
Builder : BGC Commercial South West

SonaBreak®

Seamless Plasterboard



New Factory & Showroom.

60 Belmont Avenue
Rivervale 6013

Tel: +61 8 6885 5300

Mobile 0433 486 499

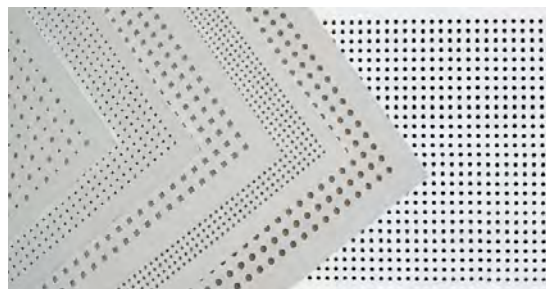
Email: enquiries@paa.net.au

www.paa.net.au

Design your Panels

State your desired application:

Decorative and functional acoustic panels
 Office dividers and partitions (flat or curved)
 Free-standing or direct fix acoustic panel
 Recording studios, radio and TV studios



- Concert Halls / Performing Arts
- Theaters / Cinema s
- Blade walls and ceilings
- Curtain wall infill panels
- Schools and Kindergartens

1. Select preferred size

a. Standard Perforated Board



1200 x 3000

1200 x 2400

b. Seamless Perforated Board



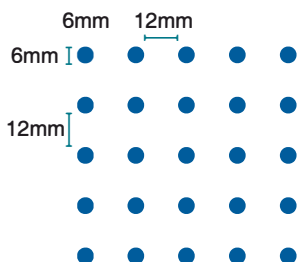
1000 x 2800

1000 x 2200

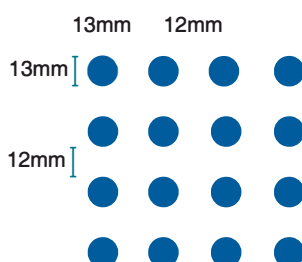
Custom size available
 Maximum size 1200mm x 3600mm

2. Select preferred profile

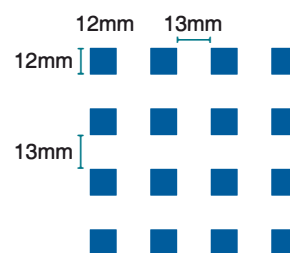
Profile 06/18/ 1c Full sheet with boarder
 06/18/ 4c 4 sections
 06/18/ 8c 8 sections
 06/18/ fc Seamless



Profile 13/25/ 1c
 13/25/ 4c
 13/25/ 8c
 13/25/ fc



Profile 12/25/ 1s
 12/25/ 4s
 12/25/ 8s
 12/25/ fs



4. Design Considerations

Acoustic perforations

The key to SonaBreak sound absorption performance is the perforations.

The perforations allow some of the sound that hits each panel to travel through it, into the cavity behind.

As a rule of thumb, more perforated area means more sound absorption performance.

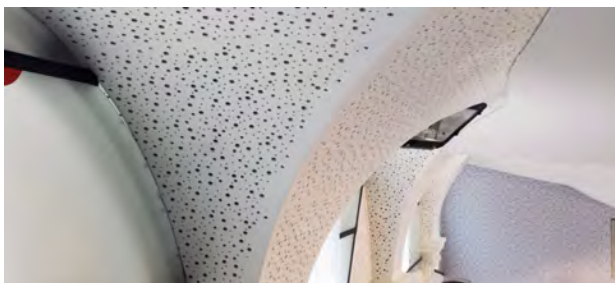
Changing the perforated area, which is also referred to as the Percentage Open Area, will change the sound absorption performance.

For example, adding more perforations to the panel, or increasing the size of each perforation will generally improve the sound absorption performance. The thickness of the panel can also affect its sound absorption performance.

Fire Resistance

Tested and passed the Early Fire Hazard Property criteria in compliance with AS ISO 9705-2003 and is deemed a Group 1 material in accordance with BCA, Volume 1, Specification A2.4; Fire Hazard Properties. AS/NZS

Ignition Index:	0
Spread of Flame Index	0
Heat of evolved index	0
Smoke Developed Index	0-1



Acoustic Performance

Perforated Plasterboard (SonaBreak) are manufactured in PAA's factory based in Perth, WA, utilizing Australian Plasterboard whilst integrating modular circular and slot perforations. SonaBreak are available for both wall and ceiling systems. PAA Acoustic Reduction (ACRE) linings in standard black or white may be integrated as insulation backing, achieving acoustic ratings of NRC up to 0.85.

SonaBreak Features:

- High sound absorption
- Reduces sound reverberation
- A selection of perforations to cater for design requirements
- A smooth perforated plaster surface for decoration
- Fabric backing prevents dust and insect ingress
- 'R' values for plasterboard = 0.05Km2/W
- Supplied in a standard 13mm thickness

Technical details

Refer to:

1. Product Technical Statement
2. Installation Details / Manual
3. Product MSDS

Available by contacting your local
PAA Consultant Tel: 0433 486 499
Email: enquiries@paa.net.au www.paa.net.au



PAA Product Range:

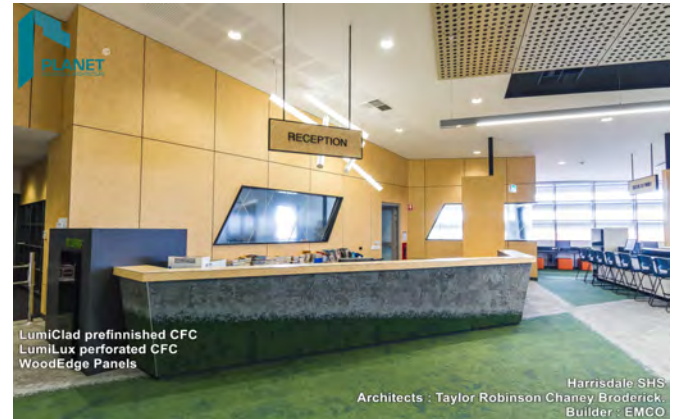
- ThruColor® CFC
- LumiClad Graphics Range ® CFC LumiClad® CFC
- LumiLux® FC
- SonaBreak®
- PAA Timber Slats
- WoodEdge® Panels
- PAA Metals Range
- AluWood® (Aluminum Wood Cladding)
- SoundWood® (woodwool panels)
- Alu Loop ®
- Poly Panel®(Acoustic Fabric)
- PAA Rockwool
- Anti-Flame® Sarking
- Rain Shield® (rain barrier)
- Flame Shield® (Non-combustable wall lining)

Planet Acoustics & Architecture are manufacturers of Prefinished cladding, Acoustic/Decorative ceilings, Feature walls and on site solution providers based locally in Perth WA.

We offer a full service including installation, from project inception to completion, cradle to grave, Our team of consultants are interacting directly with your team to bring your vision to life

Ensuring quality and excellence throughout the entire build cycle and beyond working with building management/owners to ensure continued satisfaction for you and your clients.

Please do not hesitate to contact us on 0433 486 499 for further information, samples or to book a tour of our facility.



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