

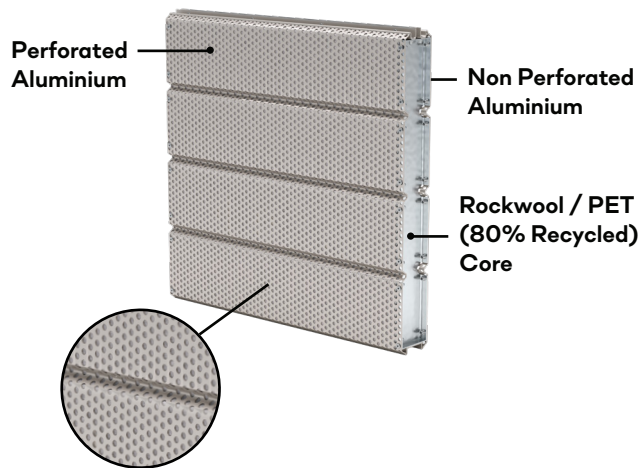


AcoustiSorb®

Soundproofing & noise absorption

 **MODULAR WALLS®**

Features:



Description:

ModularWalls' proprietary AcoustiSorb Panel is designed and manufactured in Australia. It is a simple, effective and aesthetically pleasing acoustic wall panel with both noise absorption and sound reduction properties.

AcoustiSorb is suitable for both external and internal applications. Its lightweight and robust design makes it an ideal noise control solution for noise-intensive environments. Additionally, its acoustic performance can be tuned by customising the core materials.

Product Specification:

| | |
|--|--|
| Panel Lengths | 2400 / 3000 / 4000mm |
| Panel Heights | 600mm |
| Panel Thickness | 75 / 100mm |
| Moisture Absorption | Exposure to an atmosphere of 50°C & 95% RH for four days gives moisture absorption of less than 0.2% by volume |
| Fire Resistance¹ (AS 1530.3) | Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 0-1 |

Acoustic Performance:

| Materials | 75mm | 100mm |
|-----------------------------|---------------------|-----------------------|
| Density ² | 8 kg/m ² | 9.2 kg/m ² |
| R _w ³ | 25 dB | 27 dB |
| NRC | 0.9 | 0.95 |

| | Absorption Coefficient | | | |
|------------|------------------------|-----|------|------|
| Freq. (Hz) | 250 | 500 | 1000 | 2000 |
| 75mm | 0.6 | 1.0 | 1.0 | 0.95 |
| 100mm | 0.8 | 1.0 | 1.0 | 1.0 |

Product Applications:

- Road & Rail Corridors
- Loading Docks
- Dyno Rooms
- Acoustic Enclosures (Pool Pumps, HVAC, Generators)
- Drive-throughs
- Cinemas and Theatres
- Water Parks
- Pubs and Clubs
- Restaurants

Commercial Warranty:

| | |
|--------------------|--|
| Product | 10 years warranty ⁴ |
| Design Life | 50+ years |
| Finish Type | Powder Coated |
| Colour | Surfmist (Custom colours are available upon request.) |

1. Apply to Rockwool Core only.

2. Surface density of 100mm panel can be tuned to 16.5 kg/m².

3. R_w of 100mm panel can be tuned to 30 dB.

4. Terms and Conditions apply.



Quality
ISO 9001
SAI GLOBAL

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