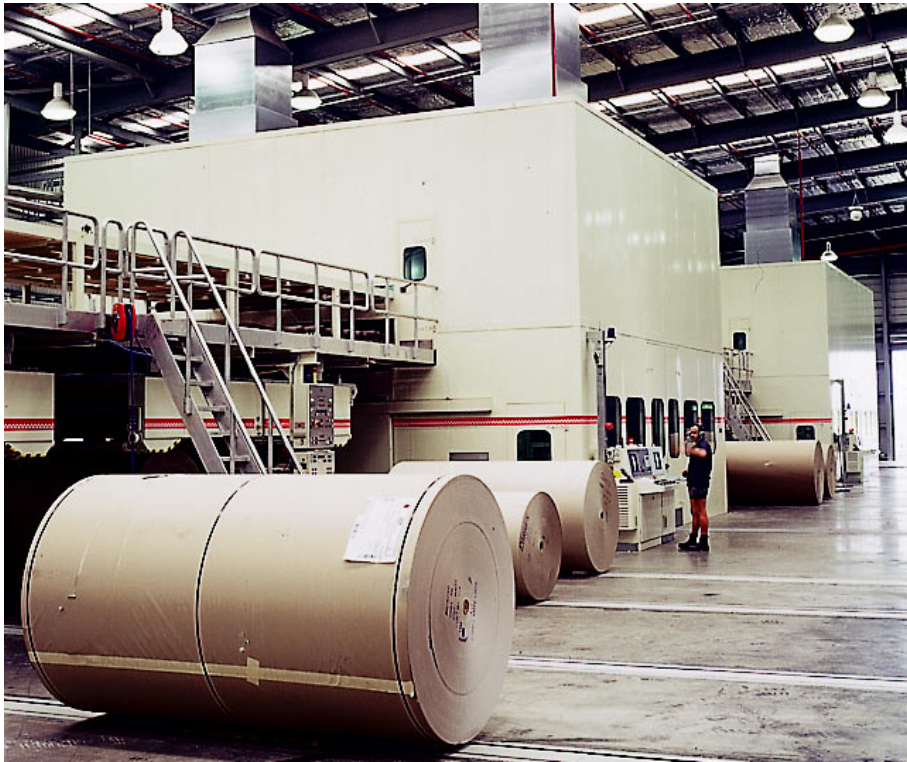


Acoustic Enclosures



Acran acoustic enclosures are a modular design which utilise our acoustic panel system to provide a high level of noise reduction for both internal and external applications. Enclosures typically achieve acoustic performance between 15dB(A) and 25dB(A), with higher performance systems available.

Enclosures are custom designed and manufactured to individual customer requirements. This flexibility of design allows a range of options to be incorporated during manufacture including personnel and machinery access doors, visual panels and acoustic louvres or attenuators for ventilation.

Depending on size and configuration, Acran acoustic enclosures can be shipped as a complete assembly or as individual parts for assembly on site.

Applications

- Manufacturing equipment
- Personnel shelter, observation & control rooms
- Air conditioning and refrigeration plant
- Compressors, blowers & fans
- Power Generation Equipment
- Pumps

Benefits

- Guaranteed performance - tested to Australian standards
- Complete size flexibility with or without structural assembly
- Option for demountable or drop-over enclosures
- Range of access options
- Integrated ventilation options including louvres and attenuators
- Choice of finishes
- Sturdy construction to suit application
- Computerised manufacturing methods ensure consistent quality, accurate dimensions and guaranteed performance



Quality
Endorsed
Company
ISO 9001 Lic 7683

ACRAN

Acoustic Enclosures

Acran acoustic enclosures can be manufactured in irregular shapes to suit unusual applications or areas where clearances are critical. Where required, the enclosure can form an integral part of the machinery. Acran acoustic enclosures are designed to reduce both the noise level outside the equipment and also inside.



Standard Build and Finish

The standard build involves heavy gauge galvabond panels complete with inert non combustible vermin proof acoustic absorber faced with perforated galvabond.



Available Options

The panels can be manufactured from various materials including stainless steel aluminium, zincanneal or other nominated materials. Finishes include wet spray painted, powder coated in a range of standard colours or mill finish.

If required the enclosure can be painted after installation to match existing architecture. Where required, the absorber can be faced with either perforated sisalation or perforated Colorbond.



Performance Testing

All Acran acoustic panels are tested in accordance with:

- AS1191-2002 Acoustics-Method for laboratory measurement of airborne sound insulation of building elements.
- AS1276.1-1999 Acoustics-Rating of sound insulation in buildings and of building elements

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