



# *DecraSound*

## *Acoustic Solutions, Exciting Designs*

### DecraWave Wall and Ceiling System

Our DECRAWAVE range are highly decorative, sound absorbing shapes designed to be wall cladding as well as suspended from the ceiling or roof. They provide a unique way to absorb unwanted noise in an interior space. Noise is created when sound is reflected off hard surfaces, and in some rooms or spaces it is not appropriate to install conventional acoustic panels over wall or ceiling linings.. This is where wavy acoustic panels like DECRAWAVE can provide a dynamic and effective solution. Available in a variety of shapes, and over 50 colours, DECRAWAVE is an ideal choice for designers and property owners to create a quieter environment while creating a vibrant and exciting interior space.

#### Features & Benefits

- Enhance the interior styling of a space with our extensive colour palette.
- Environmentally friendly noise control solution.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- Fire rated to Australian, European and American Standards: Group 1 Fire Rating AS5637 ISO9705, ASTM E84 Class A, EN 13501-1:2007 +A1:2009 Class B

#### Product Specifications

<b>Composition:</b>	12mm or 24mm 100% Polyester Fibre
<b>Weight:</b>	2.4kg/m <sup>2</sup> at 12mm thick
<b>Recycled content:</b>	Minimum 75% PET plastics
<b>Recyclability:</b>	100% recyclable

# DecraWave Acoustic Wall and Ceiling Systems

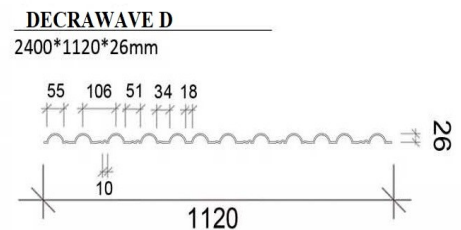
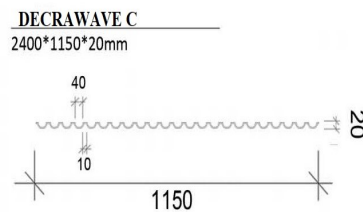
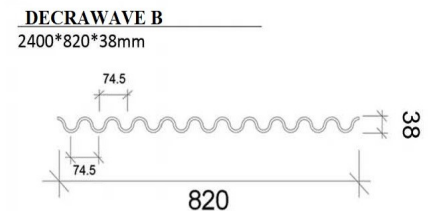
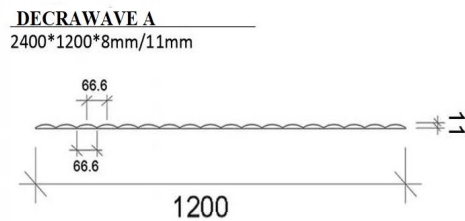
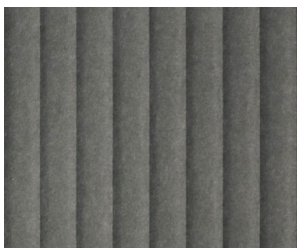
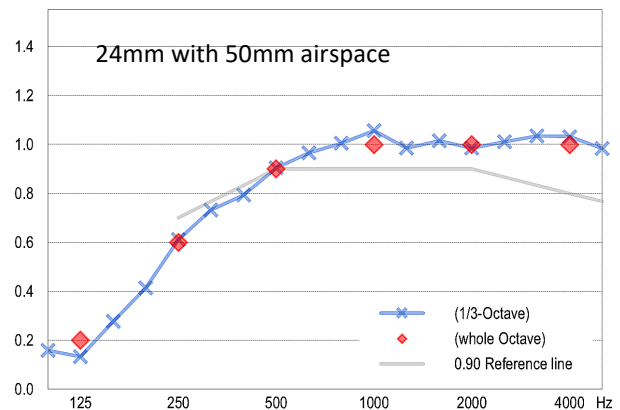
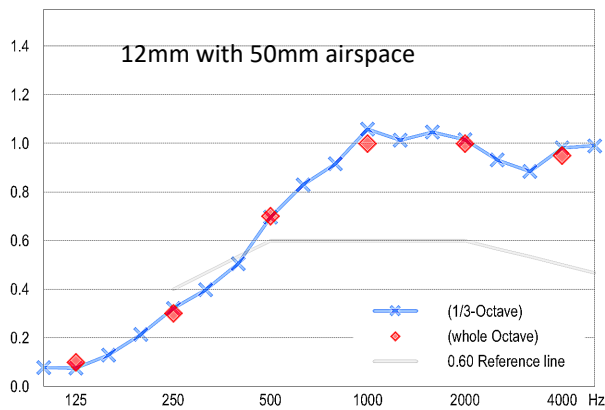
## Acoustic Performance

The DecraWave range is manufactured with the high performing and durable Acoustiscreen panels. By installing Acoustiscreen Panels as either a new wall lining or by fixing to existing walls, the reduction in unwanted noise can be quite significant. At some frequencies, approximately 95% of the sound waves reaching the panel can be absorbed by utilising Acoustiscreen of appropriate thickness and/or installing

Thickness (mm)	Sound Absorption Coefficient						
	125	250	500	1000	2000	4000	NRC
12mm no airgap	0.05	0.10	0.20	0.60	0.90	1.05	0.45
24mm no air gap	0.05	0.30	0.70	0.95	1.00	1.05	0.75
12mm 50mm air gap	0.10	0.30	0.70	1.00	1.00	0.95	0.80
24mm 50mm air gap	0.20	0.60	0.90	1.00	1.00	1.00	0.90

Serenity Acoustic Ceiling Panels have been tested in N.A.T.A. registered laboratories at C.S.I.R.O. using a full reverberation chamber test and have achieved Noise Reduction Coefficients (N.R.C.) as shown in the above table. The panels are tested with no air gap between the panel and substrate.

The test was performed in accordance with AS ISO 354. (no air gap signifies the sheet sample sitting on the chamber floor).



For more information visit [www.decrasound.com.au](http://www.decrasound.com.au) or contact Sontext or an Authorised Distributor



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