



# SERENITY

LOOKS GOOD, SOUNDS GREAT

## ACOUSTIC CEILING PANELS DATA SHEET

*Serenity Acoustic Ceiling Panels* are part of the *Sontext* range of internal noise control systems. The systems are designed to provide extensive design flexibility while at the same time, significantly improving the sound quality of internal spaces by controlling reverberation

In the majority of cases, acoustic panels are fitted to walls, (*Serenity Acoustic Wall Panels*), however in situations where this is not possible (due to the décor or other limiting factors), an efficient method to reduce unwanted noise is to install *Serenity Acoustic Ceiling Panels*.

### Product Description

*Serenity Acoustic Ceiling Panels* are modular wall panels available in a range of thicknesses depending on the level of noise control required, or can be custom made to specific requirements. *Serenity Acoustic Ceiling Panels* can be direct fixed to Ceilings or installed using

conventional suspended systems. (see Installation Guidelines fact sheet) They are constructed of new generation sound absorbing insulation membranes and can be supplied in a wide range of woven fabric finishes.

### Applications

- COMMERCIAL PREMISES  
Lobbies, boardrooms, open plan office areas
- CONVENTION CENTRES/EXHIBITION HALLS
- SPORTING/PUBLIC SPACES  
Gymnasiums, schools, churches, community centres

- MEDICAL/HEALTH CARE  
Hospitals, retirement villages
- HOSPITALITY/TOURISM  
Hotels, Motels, restaurants
- SPECIALIST  
Sound recording studios, radio/television stations

### Fabric Options

*Serenity Acoustic Ceiling Panels* can be supplied in a wide range of woven or non woven fabric finishes (from leading textile manufacturers and suppliers) available from *Sontext*.

Where alternative fabrics are selected, contact *Sontext* to ascertain suitability for use.

### Panel Size

Thickness: 25mm, 50mm, 75mm, 100mm, 125mm  
Thickness selection will depend on the acoustic performance required

Size: 1200 x 600mm, 1200 x 1200mm,  
2400 x 1200mm

Other sizes are available. Contact Sontext for more information

### Acoustic Performance

*Serenity Acoustic Ceiling Panels* have been tested in N.A.T.A. approved laboratories at R.M.I.T. using a full reverberation chamber test and have achieved

a Noise Reduction Coefficient (N.R.C.) of 0.95 for 125mm thick. For other results see Acoustic Wall Panels data sheet.

Thickness	Sound Absorption Coefficients Reverberation room method (Hz)								N.R.C.
	100	125	250	500	1000	2000	4000	5000	
125mm	1.00	0.79	1.00	0.92	0.93	0.84	0.73	0.66	0.95

### Specifying *Serenity Panels*

To specify *Serenity Acoustic Ceiling Panels* include the following in your specification

- Fabric Faced Acoustic Ceiling Panels shall be *Serenity Acoustic Ceiling Panels*

- ..mm thick x ..mm high x ..mm wide
- Fabric Facing, ..(name), (code), .. (manufacturer)
- Number of Panels required
- Must include L32 impact resistant membrane.

**For further information, contact Sontext:**

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