

**Sontext™**



**ACOUSTIC & TEXTURAL CREATIVITY**

# Acoustic & Textural Creativity

Manufacturers and Suppliers of Decorative and Acoustic Products; Treatments and Design Advice for Noise and Reverberation Control in Building Interiors.



## BUSINESS PROFILE

### **Company History:**

Sontext Pty Ltd is a privately owned and operated Australian company specializing in Architectural Acoustic Interiors. Sontext has been in operation for the past 8 years, supplying and installing its own range of sound absorbing panels, lining materials and treatments to some of Australia's most prestigious projects and companies. Sontext is also a distributor of world class decorative and acoustic interior products from well-known fit-out companies in the U.S.A., China, and elsewhere.

Sontext personnel offer decades of experience in building products—both decorative and acoustic—in both technical and hands-on roles. The company also has access to dedicated, trained installers, who operate throughout Australia and the Middle East on both new work or interior refits as required.

### **Business Focus:**

Sontext's mission is to provide the best and most effective combination of products to achieve optimum sound quality in any interior space, and at the same time to comply with the requirements of the Acoustic Engineer, the Interior Designer, and the occupants on any given building project. Since its inception the company has been supplying products to large public spaces like Performing Arts Centres, Sports Complexes and Shopping Malls, and to small but critical projects such as Recording Studios, Interview Rooms and Boardrooms.

Sontext's close associations with major interior fit-out suppliers (like Walls in Motion Philippines), as well as numerous fabric and timber manufacturers around the world ensures a high level of support and service is available for any project.

### **SOME SUCCESSFULLY COMPLETED PROJECTS**

#### *Australian Film Television and Radio School (AFTRS), Sydney.*

Acoustic performance of the interior lining products was critical, and specified tightly by Acoustic engineers NDY. Before supply commenced, Sontext tested all products in a certified Acoustic Laboratory. Sontext then undertook the complete fitout of performance spaces, recording studios and other facilities. Using its trained installers, Sontext also installed decorative timber panels to the foyer, atrium, eaves and soffits on this project (pictured).



#### *High Court Australia, Sydney.*

Sontext 'Serenity' sound absorbing wall panels were supplied to this project to minimize reverberation and optimize speech intelligibility in the courts. Serenity panels were manufactured in several complimentary sizes, and faced with an acoustically transparent, decorative fabric chosen by the Interior Designer.



#### *International Terminal, Melbourne Airport.*

Sontext has to date supplied and installed three separate refurbishment projects at Melbourne Airport, including the Baggage Carousel No.5 area pictured here, with 'Sontrend' ceiling panels. Sontrend is a mineral based, non-combustible acoustic panel developed by Sontext for such specialized projects. For this application the product was finished in two-pack polyurethane metallic enamel to match adjacent areas of metal pan ceiling. The same product was installed in the shopping area with a cream finish. Sontext manufactured 'Sontrend' panels with a tegular edge so that it could be used with conventional T-bar ceiling grid.



# ACOUSTIC & TEXTURAL CREATIVITY

**SONTEXT manufactures and assembles a number of decorative, sound absorbing, wall & ceiling products to control reverberation and improve interior sound quality. The range listed below includes a number of brands that are well known internationally**  
**For details, please visit SONTEXT online or request information from your distributor.**

## **Serenity™ and SerenityLite Wall and Ceiling Panels**

**A range of custom made, sound absorbing panels for interior wall and ceiling applications.**



## **Murano Acoustics®**

### **Perforated or Grooved Timber Panels**

**Fashionable, functional MDF panels, available in a large range of veneer or laminate finishes**



## **Sonofonic™**

### **Painted Wall & Ceiling Tiles**

**Designed to provide a quiet, visually pleasing working environment for commercial interior spaces. Suitable for suspended ceiling grid systems.**



For further information, contact Sontext Pty Ltd or its Distributors:

**Vic Office & Head Office Australia:**

685 Burke Road, Camberwell, Victoria, Australia 3124

T: +61 (0)3 9811 4796 E: [sales@sontext.com.au](mailto:sales@sontext.com.au)

**NSW Office:**

Suite 1a, Level 2, 802 Pacific Hwy, Gordon, NSW, Australia 2702

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**ACOUSTIC & TEXTURAL CREATIVITY**

For more information, visit: [www.sontext.com.au](http://www.sontext.com.au)



# SERENITY

LOOKS GOOD, SOUNDS GREAT



## Decorative Panels for Interior Sound Control

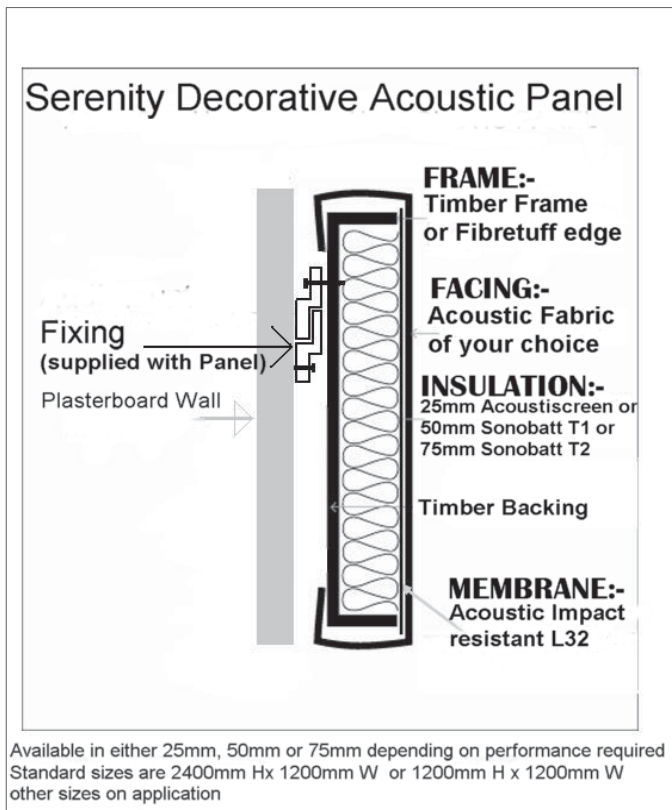


Serenity Panels are designed to absorb reflected sound, or reverberation, that could otherwise cause problems in interior spaces. Serenity Panels are fabric covered, so when installed can enhance the décor of any room or public space. Typical applications where Serenity Panels will help create a pleasant, comfortable environment include noisy restaurants, or sports venues that may simply have too much echo for speech or public address systems to be heard clearly. Serenity Panels have been installed effectively in Gymnasiums, Studios, Schools, Churches, Community Centres, Courts, Auditoriums, Restaurants, Offices and Call Centres.

### Serenity Panel Features:

- Decorative Acoustic Absorber Panels that reduce reflected noise and unwanted sound across all hearing frequencies.
- Simple installation to any internal wall or ceiling surface.
- Manufactured in a range of sizes thicknesses to suit all interior applications. Can be custom-made to size. Panel area and thickness will affect acoustic performance. It is strongly recommended that an Acoustic Engineer should be consulted before specifying the requirements for a project.
- Serenity Panels have been developed and fully tested in registered Acoustic Laboratories. See Page 2 for NRC's and Sound Absorption Co-efficients at various frequencies.
- Available in a huge range of fashionable screen fabrics to enhance any interior décor.
- Fabric wraps around all edges
- Fabric facing can be digitally printed if required
- Panels are fitted with L32 impact resistant membrane
- Can be used as pinboards.
- All Serenity components have low VOC content. Most have a substantial recycled raw material content.
- Serenity Panels are Ecospecifier listed (see logo and website opposite).
- Fire hazard Properties: Complies as a Group 2 material as specified in Specification C1.10a of the Australian Building Code (BCA).
- Suitable for "Greenstar" and LEED" environmental rating programs for commercial interiors.



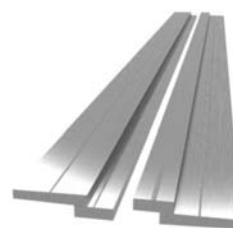


### Installation

Serenity Acoustic Panels utilise a unique “split batten” fixing system. One half of the system is factory applied to the back of the panel. The wall bracket section is supplied with the panels, and can be simply fixed to most wall surfaces with either screws or toggle bolts. Using this method installation time and costs can be reduced by 50% when compared to traditional methods. Alternative fixing methods are possible (please contact Sontext to discuss).

Serenity Panels can be installed by a carpenter or handyman, or by Sontext’s own experienced installers if required.

In most cases, the client or the interior designer is free to choose the fabric colour or pattern from the huge range of commercially available screen fabrics. Sontext can assist in this process.



### Acoustic Performance

Thickness	Sound Absorption Coefficients Reverberation room method (Hz)						
	125	250	500	1000	2000	4000	N.R.C.
25mm	0.15	0.55	1.00	0.95	0.95	0.95	0.85
50mm	0.26	0.71	1.03	1.11	1.09	1.03	1.00
75mm	0.50	1.05	1.05	1.00	1.05	1.00	1.05

Serenity Acoustic Panels have been tested in N.A.T.A. registered laboratories at R.M.I.T. using a full reverberation chamber test and have achieved Noise Reduction Coefficients (N.R.C.) incorporating no air gap between panel and substrate

Note: An NRC of 0.85 means that up to 85% of the sound that hits the panel is absorbed. Increases in low frequency absorption can be achieved by adding an air gap or by increasing the thickness of the panel.

### Standard Panel Dimensions

Thickness (mm)	Panel Sizes (mm)
25,50,75,100mm	1200 H x 600 W, 1200 H X 1200 W , 2400 H X 1200W Other sizes available on a request basis Made to order shapes and sizes available

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# SERENITY Fabric Wrapped Acoustic Panels

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## WALL PANELS DATA SHEET

### Product Description and Typical Applications

*Serenity™ Acoustic Wall Panels* are part of the *Sontext* range of internal sound control systems. These systems are designed to significantly improve sound quality of internal spaces by controlling reverberation, while allowing interior designers to source the fabric colours and patterns of their choice. In the majority of cases, acoustic panels are fitted to walls, ( however in situations where this is not possible (due to window placement, light fittings or other limiting factors), an efficient method to reduce unwanted noise is to install *Serenity Acoustic Panels* on the ceiling. (See also Serenity Acoustic Wall Panels Data Sheet),

*Serenity Acoustic Wall Panels* can be easily fixed to most wall surfaces using Sontext's Audimount split batten system. (see Installation Guidelines fact sheet). Typical applications for Serenity Acoustic panels include:

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/Radio/television studios

### Fabric Options

*Serenity Acoustic Wall Panels* can be supplied in a wide range of woven or non woven fabric finishes (from most leading textile manufacturers and suppliers). Sontext recommends the use of low VOC fabrics. Please advise Sontext of your fabric choice before ordering to ascertain suitability for use.

### Panel Characteristics

Nominal Thicknesses (Refers to the thickness of the acoustic absorber infill. Add approx. 6mm for actual panel thickness): 25mm, 50mm, 75mm, 100mm, 125mm. Thickness selection will depend on the acoustic performance required.

Standard Panel Sizes: 1200 x 600mm, 1200 x 1200mm, 2400 x 1200mm. (Tolerance approx +5/-2mm., depending on the fabric chosen). Other sizes are available to order. Contact Sontext or your Distributor for more information.

Panel Construction: The panels consist of an acoustic insulation infill, impact resistant acoustic membrane, contained within an MDF frame. Finish is decorative fabric to face and wrapped around all four edges of the panel.

Nominal Weight (Mass) based on 2400 x 1200mm panel:  
25mm Panel: 5.1 kg/m<sup>2</sup>  
50mm Panel: 7.6 kg/m<sup>2</sup>

Fire Properties: Serenity Acoustic Panels are a composite fabricated from materials supplied by others. Low Volatile Organic Compound (VOC) and low formaldehyde insulation and MDF components are used in all in *Serenity* Panels.

The Acoustic Absorber infill used in Serenity Panels has the following Fire Indices when tested to A.S.1530 PART 3 (Early Fire Hazard Properties):

Spread of Flame Index 0  
Smoke Evolved Index 0-1

### Acoustic Performance

*Serenity Acoustic Wall Panels* have been tested in a N.A.T.A. approved reverberation chamber to Australian Standard AS 1045 –1988 "Measurement of Sound Absorption in a Reverberation Chamber" (based on ISO 354)

Thickness	Sound Absorption Coefficients Reverberation room method (Hz)						
	125	250	500	1000	2000	4000	N.R.C.
25mm	0.15	0.55	1.00	0.95	0.95	0.95	0.85
50mm	0.26	0.71	1.03	1.11	1.09	1.03	1.00
75mm	0.50	1.05	1.05	1.00	1.05	1.00	1.05

### Specifying Serenity Panels

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

- Fabric Faced Acoustic Wall Panels shall be Serenity Acoustic Wall Panels

- ..mm Thick x ..mm High x ..mm Wide
- Fabric Facing, ..(name), (code), .. (manufacturer)
- Number of Panels required
- Must include L32 impact resistant membrane.

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# SERENITY

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## Decorative Acoustic Ceiling Panels



Serenity Ceiling Panels are designed to absorb reflected sound, or reverberation, that could otherwise cause problems in interior spaces. Serenity Panels are fabric covered, so when installed can enhance the décor of any room or public space. Typical applications where Serenity Panels will help create a pleasant, comfortable environment include noisy restaurants, or sports venues that may simply have too much echo for speech or public address systems to be heard clearly. Serenity Panels have been installed effectively in Gymnasiums, Studios, Schools, Churches, Community Centres, Courts, Auditoriums, Restaurants, Offices and Call

### Serenity Ceiling Panel Features:

- Decorative Acoustic Absorber Panels that reduce reflected noise and unwanted sound across all hearing frequencies.
- Simple installation to any internal wall or ceiling surface.
- Manufactured in a range of sizes thicknesses to suit all interior applications. Can be custom-made to size. Panel area and thickness will affect acoustic performance. It is strongly recommended that an Acoustic Engineer should be consulted before specifying the requirements for a project.
- Serenity Panels have been developed and fully tested in registered Acoustic Laboratories. See Page 2 for NRC's and Sound Absorption Co-efficients at various frequencies.
- Available in a huge range of fashionable screen fabrics to enhance any interior décor.
- Fabric wraps around all edges
- Fabric facing can be digitally printed if required
- Panels are fitted with L32 impact resistant membrane
- All Serenity components have low VOC content. Most have a substantial recycled raw material content.
- Serenity Panels are Ecospecifier listed (see logo and website below).
- Fire hazard Properties: Complies as a Group 2 material as specified in Specification C1.10a of the Australian Building Code (BCA).
- Suitable for "Greenstar" and LEED" environmental rating programs for commercial interiors.  
*For further information, refer to the Serenity Data Sheet*



**Fig 1.**  
Serenity Ceiling Panels can be designed to fit around existing services, or even incorporate new services, such as lighting.



**Fig. 2**  
Serenity Ceiling Panels can be custom made to fit room dimension as seen here.



## Ceiling Panel Installation Methods

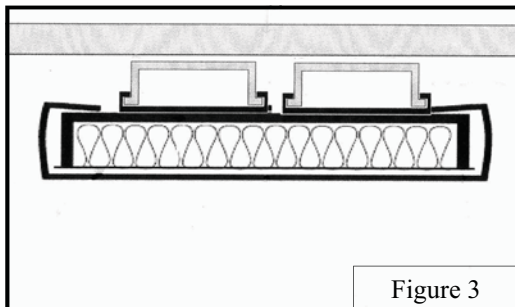


Figure 3

Serenity Ceiling Panels can be installed using conventional suspended ceiling systems such as a two way exposed T-grid System. (Refer to the photo on P.1, top left).

Alternatively, they can be fixed using clips and track in a similar way to plasterboard, or even hung as described below:

Figure 3 shows Serenity Panels fixed directly to the ceiling using 'Rondo' metal furring channel and Direct Fix Clip #237.

When mounted with an airspace behind the panel, Serenity can be manufactured with a perforated backing to further enhance acoustic performance.

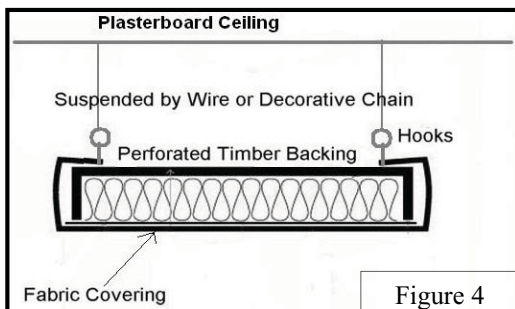


Figure 4

Figure 4 shows Serenity Panels installed from suspended chain to create a design feature. This gives the opportunity to either backlight the back of the panel, or even incorporate lighting into the panels itself -while providing excellent noise reduction and improved sound quality in the space below.

## Sound Absorption

Serenity Acoustic Ceiling Panels have been tested in N.A.T.A. approved reverberation chamber and have achieved a Noise Reduction Coefficient (N.R.C.) of 0.95 . This results in up to 85% of the sound striking the panel being absorbed. Increased low frequency absorption can be achieved by adding an air gap or by increasing the thickness of the panel. Test results for other thicknesses of panels are available on request.

Thickness	Sound Absorption Coefficients Reverberation room method (Hz)						
	125	250	500	1000	2000	4000	N.R.C.
25mm	0.15	0.55	1.00	0.95	0.95	0.95	0.85
50mm	0.26	0.71	1.03	1.11	1.09	1.03	1.00
75mm	0.50	1.05	1.05	1.00	1.05	1.00	1.05

Serenity Acoustic Panels have been tested in N.A.T.A. registered laboratories at R.M.I.T. Melbourne, Australia, to AS/NZS 1045 using a full reverberation chamber test and have achieved Noise Reduction Coefficients (N.R.C.) as shown above, using conventional acoustic screen fabric facings.

Note: An NRC of 0.95 means that up to 95% of the sound that hits the panel is absorbed. Increases in low frequency absorption can be achieved by adding an air gap or by increasing the thickness of the panel.

## Physical Dimensions

Thickness (mm)	Panel Sizes (mm)	Facings
25, 50, 75, 125	1200 X 600 , 1200 X 1200, 2400 X 1200 Other sizes available on a request basis	A wide range of suitable acoustic finishes are available from most leading fabric suppliers.

For further information, contact Sontext Pty Ltd or its Distributors:

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# SERENITY Fabric Wrapped Acoustic Panels

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## CEILING PANELS DATA SHEET

### Product Description and Typical Applications

*Serenity™ Acoustic Ceiling Panels* are part of the *Sontext* range of internal sound control systems. These systems are designed to significantly improve sound quality of internal spaces by controlling reverberation, while allowing interior designers to source the fabric colours and patterns of their choice. In the majority of cases, acoustic panels are fitted to walls, (see *Serenity Acoustic Wall Panels Data Sheet*), however in situations where this is not possible (due to window placement, light fittings or other limiting factors), an efficient method to reduce unwanted noise is to install *Serenity Acoustic Panels* on the ceiling.

*Serenity Acoustic Ceiling Panels* can be direct fixed to ceilings or installed using conventional suspended systems. (see *Installation Guidelines fact sheet*). Typical applications for *Serenity Acoustic panels* include:

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/Radio/television studios

### Fabric Options

*Serenity Acoustic Ceiling Panels* can be supplied in a wide range of woven or non woven fabric finishes (from most leading textile manufacturers and suppliers). *Sontext* recommends the use of low VOC fabrics. Please advise *Sontext* of your fabric choice before ordering to ascertain suitability for use.

### Panel Characteristics

Nominal Thicknesses: 25mm, 50mm, 75mm, 100mm, 125mm (Refers to thickness of the acoustic absorber infill)  
Thickness selection will depend on the acoustic performance required.

Standard Sizes: 1200 x 600mm, 1200 x 1200mm, 2400 x 1200mm. (Tolerance approx +5/-2mm., depending on the fabric chosen). Other sizes are available to order. Contact *Sontext* or your Distributor for more information.

Panel Construction: The panels consist of an acoustic insulation infill, impact resistant acoustic membrane, contained within an MDF frame. Finish is decorative fabric to face and wrapped around all four edges of the panel.

Nominal Weight (Mass) based on 2400 x 1200mm panel:  
25mm Panel: 8 kg/m<sup>2</sup>  
50mm Panel: 7 kg/m<sup>2</sup>

Fire Properties: *Serenity Acoustic Panels* are a composite fabricated from materials supplied by others. Low Volatile Organic Compound (VOC) and low formaldehyde insulation and MDF components are used in all in *Serenity Panels*.

The Acoustic Absorber infill used in *Serenity Panels* has the following Fire Indices when tested to A.S.1530 PART 3 (Early Fire Hazard Properties):  
Spread of Flame Index 0  
Smoke Evolved Index 0-1  
Tested to A.S. 3837. Complies as a Group 3 material

Aust. Building Code compliance (Specification 2.4 of BCA)

### Acoustic Performance

*Serenity Acoustic Wall Panels* have been tested in N.A.T.A. approved reverberation chambers to AS 1045 –1988 (based on ISO354) and have achieved a Noise Reduction Coefficient (N.R.C.) of 0.95 for 125mm thick panel as shown below. Acoustic performance

Thickness	Sound Absorption Coefficients (at Frequencies from 100 to 5000 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 Ceiling 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), .. from(Manufacturer)
- Number and Sizes of Panels required
- Must include L32 Impact Resistant Membrane.

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# Serenity ARTPANELS

## Custom Printed Acoustic Panels



**SERENITY ARTPANEL** are available in the fabric, vinyl or leather covering of your choice, from inexpensive panel fabrics to lush designer fabrics used in the most stylish settings and environments.

**SERENITY ARTPANEL** are available as beautiful art works in the form of printed digital art from inexpensive catalogue art or custom and fine art. You can choose the image, or SONTEXT can help you do so.

**SERENITY ARTPANEL** are available with high impact resistant membranes for use in areas of high traffic where both durability and reverberation control are prime requirements.

**SERENITY ARTPANEL** are available with a tackable surface, that makes them an ideal choice for use in conference rooms, meeting rooms and other working areas where both pinnability and speech privacy are key requirements.

**SERENITY ARTPANEL** fabric finishes can be applied to pre-made panels or installed on site using stretch fabric track.

### THE ULTIMATE ACOUSTIC PANEL, WHERE EXCITING INTERIORS AND SOUND QUALITY COME TOGETHER!

- Attractive and unlimited background fabric patterns, colours and textures
- Designed for easy do it yourself installation
- Available in custom sizes or up to 3m high by 1.2 m wide
- The designer has the choice: plain fabric or inspiring printed image panels, for walls or ceilings.



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## Serenity ARTPanels add GLAMOUR! and minimise Reverberation\* in any Commercial Interior Space



\*At the core of ARTPanels is the same sound absorbing structure as conventional fabric-wrapped Serenity Acoustic Panels from SONTEXT. (Actual sound absorption performance can be found on the Serenity Data Sheet-contact details are on P.1)

Pictures here are examples of ARTPanel installed in typical commercial venues usage is enhanced by efficient sound absorption and decorative wall or ceiling treatments:

- Public Building Foyer
- Entertainment Venue/Bar/Restaurant
- Company Boardroom







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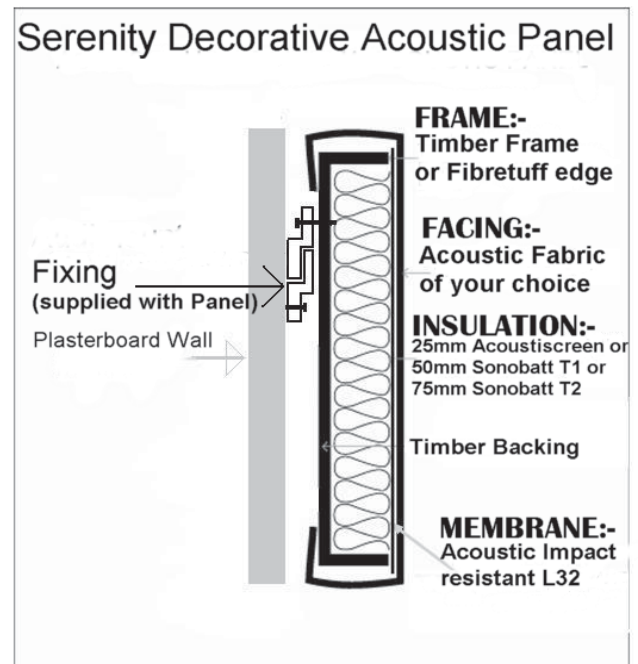
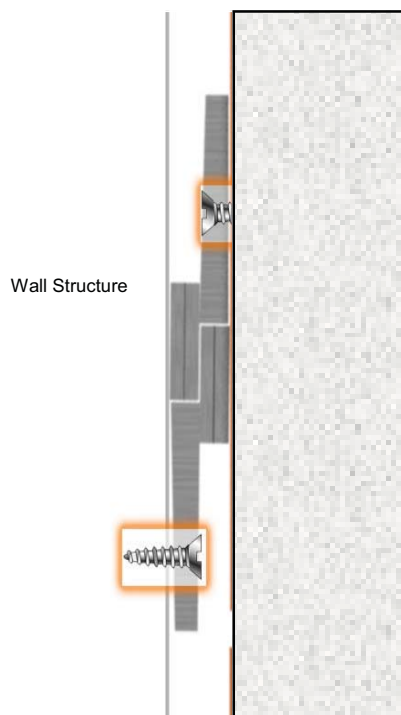
## Wall Panel Installation Guide

For most applications, Serenity Acoustic Panels utilise a unique ALUMINIUM “split batten” fixing system. One half of the split batten can be simply fixed to most wall surfaces with either screws (or hollow wall anchors such as Wallmates™ or toggle bolts). The other half is fixed to the back of the panel. Using this method installation time and costs can be reduced by 50% when compared to cutting and fixing traditional timber battens. A maximum of three sets of rails are required (on larger panels) to ensure the panel is fixed securely to the wall surface without potential for impact damage or bowing. Two sets are sufficient on small panels. Alternative fixing methods are possible (please contact Sontext to discuss).

It is recommended that cotton gloves are worn during fixing to ensure the fabric face is not soiled.

Serenity Panels can be easily be installed by a carpenter, maintenance staff or handyman. Sontext’s own experienced installers can be engaged if required.

In most cases, the client or the interior designer is free to choose the fabric colour or pattern from the huge range of commercially available screen fabrics. Sontext can assist in this process.



Available in either 25mm, 50mm or 75mm depending on performance required  
Standard sizes are 2400mm H x 1200mm W or 1200mm H x 1200mm W  
other sizes on application

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# SerenityLite™

## Acoustic Wall & Ceiling Panels



### Product Description & Applications

SerenityLite Acoustic Wall & 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.

Interior design trends in modern commercial buildings can often include hard surfaces on ceilings and walls. These hard surfaces can cause problems with reflected sound. These Interior spaces may be difficult to utilise fully simply because (a) noise levels may be unacceptably high, or (b) reverberation causes speech, music etc to be hard to hear clearly or is distorted.

By incorporating SerenityLite Acoustic Panels as either a new feature or by direct fixing them to existing walls, the reduction in unwanted noise can be quite significant. At some frequencies, up to 100% of sound can be absorbed by utilising SerenityLite Acoustic Panels of appropriate thickness and/or by

### Features & Benefits

- Excellent sound absorption
- Huge range of suitable commercial screen fabrics available
- Fabric facing wrapped around all four sides
- Humidity & moisture resistant
- Choice of edge profiles
- Fire Resistant. (Complies as a Group 2 product under BCA fire hazard regulations)
- Lightweight. (approx. 3.6kg/m<sup>2</sup> for 25mm thick panel)
- Can be easily installed to any existing interior wall or ceiling lining using “Wallmounts™”. (See brochure “SerenityLite Installation Instructions” for details).

### Sound Absorption

Serenity Acoustic Panels have been tested in N.A.T.A. registered laboratories at R.M.I.T. reverberation chamber, and have achieved Noise Reduction Coefficients (N.R.C.) as shown in the table below.

Note: An NRC of 0.85 means that up to 85% of the sound that hits the panel is absorbed. Increases in low frequency absorption can be achieved by installing the panels with an air gap behind them, or by increasing the thickness of the panels.

Thickness	Sound Absorption Coefficients—Reverberation room method (Hz)						
	125	250	500	1000	2000	4000	N.R.C.
25mm	0.15	0.55	1.00	0.95	0.95	0.95	0.85
50mm	0.26	0.71	1.03	1.11	1.09	1.03	1.00





*SerenityLite Panels are designed for light traffic areas where high impact resistance is not required..*



*SerenityLite Panels in a Recording Studio*

### Panel Sizes & Thicknesses

SerenityLite Acoustic Wall & Ceiling Panels can be manufactured to any size requirement up to 2400 x 1200mm, and covered with good quality screen fabrics from any reputable commercial supplier. (Please confirm fabric suitability with Sontext before ordering)

Available thicknesses:

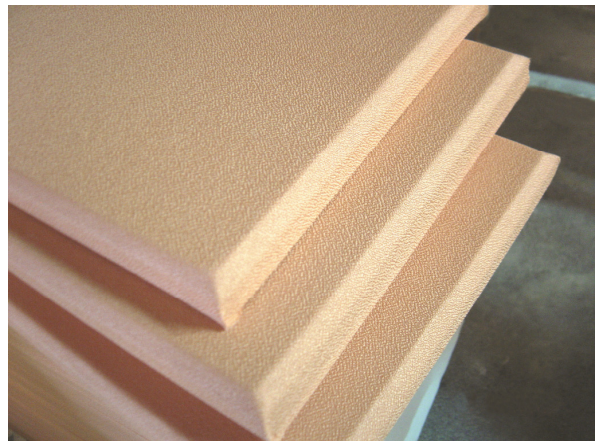
SerenityLite Panels are available in 25mm or 50mm thickness as standard.

Product Specifications	
Length x Width (Common sizes)	1200x600mm 1800x600mm 2400x600mm 2400x1200mm 1200x1200mm
Thickness	25mm, 50mm
Sound Absorption Coefficient (NRC)	> 0.85
Moisture Absorption	< 0.7%
Nominal Weight (Mass)	3.6kg/m <sup>2</sup> (25mm) 7.0kg/m <sup>2</sup> (50mm)

### Applications.

SerenityLite Panels are suitable for reverberation control in most types of commercial premises, and have been used effectively in convention centres/exhibition halls, sporting venues, cinemas, schools, churches and recording studios.

In applications where the panels may be accessed easily, or subject to impact (by furniture such as chairs, for example), it is recommended that standard Serenity Acoustic Panels be used, rather than SerenityLite. Standard Serenity Panels are structurally more suitable for such applications, with a full MDF frame and an impact resistant membrane under the fabric facing. (See separate brochure)



For further information, contact Sontext Pty Ltd or its Distributors:

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# SerenityLite™

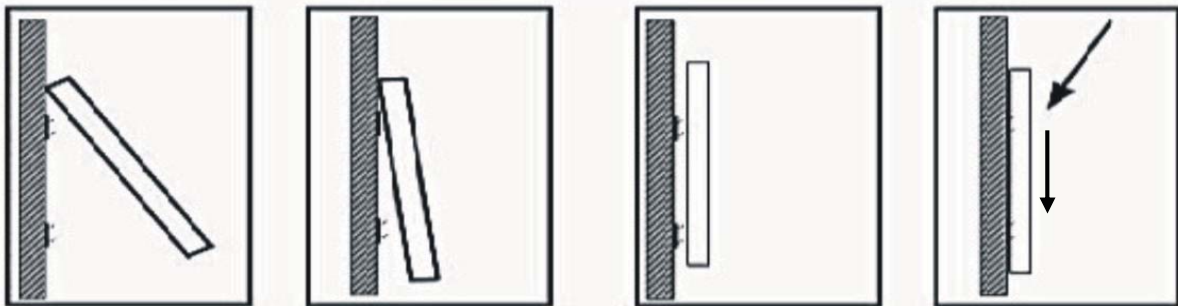
## Acoustic Wall Panels



### Installation Guidelines

#### WALL INSTALLATION

1. Mark the intended position of all the SerenityLite panels on the wall, preferably with a chalk string line so it can be easily cleaned off later. The outline of all panels - top, bottom and sides should all be marked. Use a spirit level to ensure the panels are straight. It is recommended that all installers wear white cotton gloves to avoid soiling or marking the fabric wrap.
2. Your SerenityLite acoustic wall panels have been supplied with WallMount™ brackets. (SEE OVER FOR DETAILS). These need to be attached to the wall to provide a concealed fixing system for the panels. Using these panel outlines, the position for all brackets can now be marked on the wall, using a pencil. One WallMount is recommended for each corner of the panel, at least 100mm in from the top, bottom and side edges. For panels up to and including 1200mm x 1200mm, we recommend using a total of 4 WallMounts. For panel widths and lengths over 1200mm, add an extra WallMount centrally between the corner ones.
3. The WallMounts should be fastened to a hollow wall (stud and plasterboard) using Wall Mates® and number 6 or number 8 screws. On a solid wall, the brackets should be attached using the same size screws with Wall Plugs™. Wall Mates and Wall Plugs are available from most hardware stores. The WallMounts must be installed squarely on the wall in relation to the panel, and all the barbs must point upwards. (See diagrams on the next page).
4. For a more permanent fixture, a good quality panel adhesive such as Selleys Liquid Nails® should be applied to the back of the panels before mounting the panel to the wall.
5. Place the panel against the WallMounts, in line with the side marks and approximately 15mm above the bottom chalk line on the wall. While applying gentle pressure against the panel in the region of the WallMounts, apply pressure in towards the wall and down, to impale the panel onto the WallMounts, as shown in the diagrams below. If installing a number of panels, simple dressed timber straight edge will aid the process of pressing down at the top edge without damaging the edge of the panel. Once the panel is mounted satisfactorily and square, then you can move on to the next panel.



#### CEILING INSTALLATION

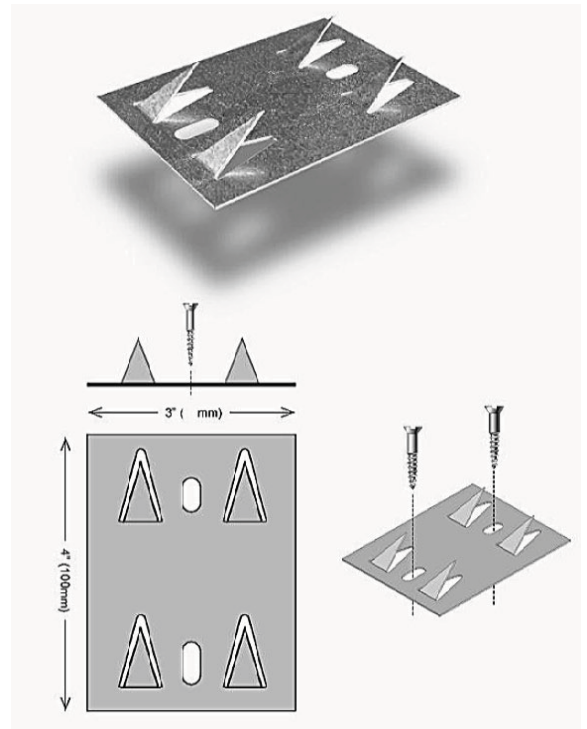
Ceiling installation involves the same steps and accessories as for wall installation above. However, working overhead, with larger panels even with a ladder or platform adds an extra degree of complexity. A minimum of two people should be used to mount SerenityLite on a ceiling, to avoid flexing the panel unnecessarily. Failure to do this can cause the face fabric to pull away from the fibrous inner layer, leaving an unsightly draped effect in the fabric after installation.

1. Follow steps 1 to 3 above to install the WallMount brackets. (Ensure all the barbs are facing the same way).
2. Liberally apply Liquid Nails to the back of the panel. The use of adhesive is necessary when installing ceiling panels, to avoid the panels working loose from the WallMounts over time.
3. Follow step 5 above to position the panels correctly on the ceiling and impale them on the bracket barbs, ensuring they are held as horizontally as possible during this process.. (The WallMounts will hold the panels in place until the adhesive sets to form a permanent bond.)

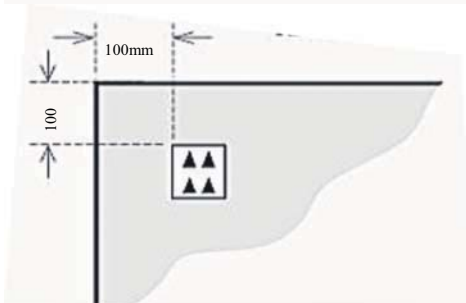
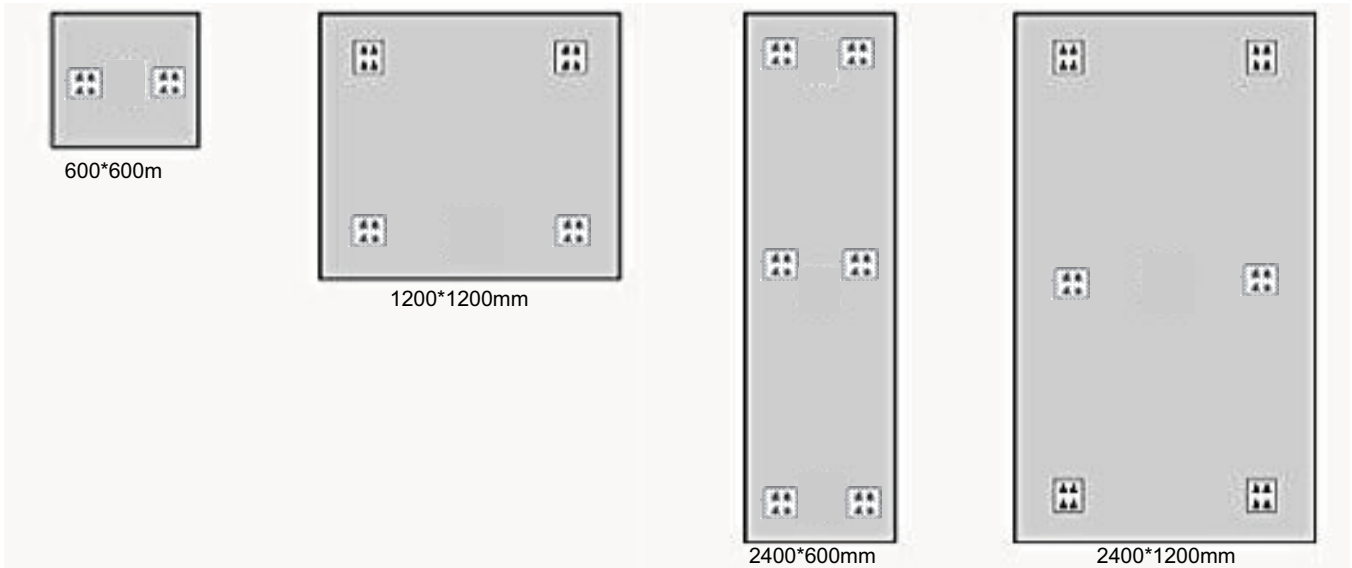
# Sontext WallMounts™

Easy to use Mounting Clips for SerenityLite™  
Acoustic Absorber Panels

Sontext Wall Mounts are designed to provide the installer with a simple quick and effective method of mounting Serenity Light Panels. The surface mount impaler features a series of sharp protruding spikes that penetrate the panel to secure it in place after installation. To provide extra strength and a more permanent fixing, Sontext suggest that a small drop of panel adhesive similar to Liquid Nails be dobbed onto the spikes. This method of installation is particularly suitable for plasterboard walls. However, SerenityLite panels can be successfully fixed to ceilings by experienced installers, using both Wallmounts and suitable adhesives.



## Recommended minimum numbers of clips per panel for wall installation



### Clip Location on panel

Flush mounted clips should be fixed to the wall to engage the panel at least 100mm from the panel edge.

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ACOUSTIC & TEXTURAL CREATIVITY

For more information, visit:





## Murano Timber Panels from Sontext. Fashionable, functional wood for sound control in interior spaces

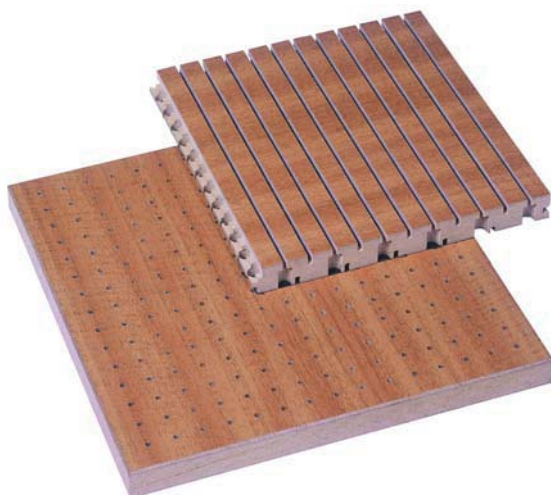
Sontext presents MURANO ACOUSTICS™ - a range of perforated, grooved or slotted timber ceiling and wall panels, incorporating the latest perforation techniques to maximize sound absorption and reduce reverberation. Murano Acoustic Wood Panels are available in a standard range of veneers and laminate surfaces. Ask to see our colour and pattern swatches (contact details are on P.2). Customised panels can be arranged for large projects requiring special decorative patterns, surfaces, lacquers, or paint finishes.

The concealed joining system on Murano Acoustic Wood Panels allows a continuous, uninterrupted look to wall and ceiling linings. The MDF substrate on these highly engineered panels may also be perforated independently to allow sound to pass through and be dissipated.



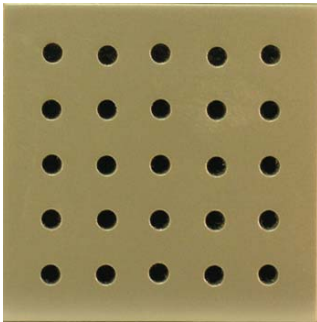
### Murano Features:

- Fire Hazard Properties: Complies as a Group 1 material as specified in Specification C1.10a of the Australian Building Code (BCA).
- Low formaldehyde (E1 Grade), MDF Baseboard.
- A huge range of surface finishes, colours & hole patterns, (visit Murano website for details), including innovative grooved facings with excellent sound absorbing performance.
- Excellent Sound Absorption & Reverberation Control for Schools, Lecture Theatres, Auditoriums, and most public spaces.
- Exceptional High Impact & Durability for Sports Centres, Workshops, etc.
- Black Soundtex acoustic felt backing.
- Interlocking "invisible" panel edge treatment.
- Concealed fixing system.
- Supply & Install service by Sontext if required.
- Can be manufactured to custom requirements (subject to order size)

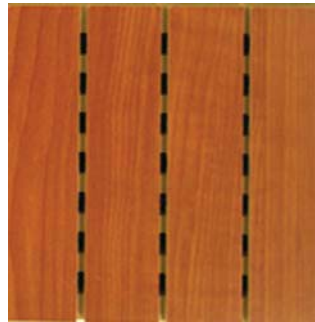


# Murano™ State of the Art Acoustic Timber Panels

Murano Acoustic Panels allow the integration of custom design with the latest acoustics technology. State of the art CNC machinery produces the huge variety of grooves, slots, holes and patterns that are distinctively Murano. The core material is composed of MDF—fire retardant, low formaldehyde (E1 grade), FSC Certified if required. The panels have the distinctive “non see through” black SoundTex acoustic felt attached to the back.



Hole Pattern: 3mm Diam.  
at 16mm centres  
Pattern No.: P316  
Core: Fire Retardant MDF  
Thickness: 18mm  
Panel Width: 600mm  
Panel Lengths:  
600/800/1200/2400mm.  
Weight (kg/m2): 9.2.

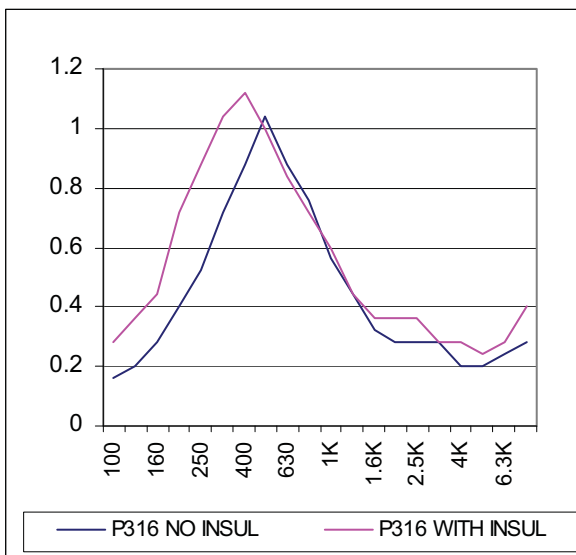


Groove Pattern: 3mm Diam.  
at 32mm centres.  
Pattern No.: G32  
Core: Fire Retardant MDF  
Thickness: 18mm  
Panel Widths:  
197/293/581mm  
Panel Lengths:  
600/800/1200/2400mm  
Weight (kg/m2): 10.78.

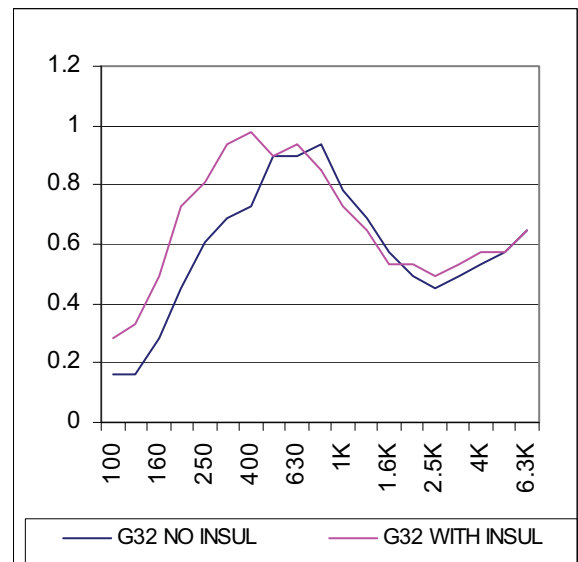
## Sound Absorption - Typical Examples of Murano High Performance Acoustics

The graphs below show typical Sound Absorption profiles for perforated and/or grooved Murano Timber Panels. For maximum sound absorption it is recommended that 50mm thick, 48 kg/m3 density fibrous insulation be installed behind the panels (see the effect on the graphs). Test Reports from Tongji University are available. Information on other perforation patterns is available on request to Sontext.

Perforated Panel: 3mm Holes at 16mm centres.



Grooved Panel: 3mm Grooves at 32mm centres



## Sustainability

Murano MDF baseboard has low formaldehyde content (E1 Grade). FSC Certified grade can be supplied if required.



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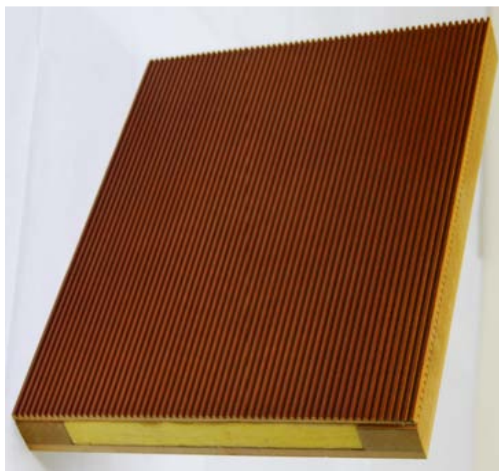


# Murano Grooved Composite Acoustic Panels



MURANO ACOUSTICS™ **Grooved Composite Acoustic Panels** are a new range of grooved & slotted timber ceiling and wall panels delivered pre-insulated, with frame and backing in place, ready to install. Murano Composite Panels are available in all the same decorative patterns and surfaces - laminates, lacquers, veneers, paint, etc., as the existing Murano Acoustics range. Visit Murano's website or contact your nearest Murano Distributor for more information on surface finishes). A major benefit of these pre-finished panels is the reduction in installation time, which in turn will significantly reduce fit-out costs on a project.

All Murano Timber Panels, including Grooved Composite Panels, incorporate the latest perforation techniques from around the world to maximize sound absorption and reduce reverberation. The panel face is laminated and finished, then precision routed to produce the desired decorative effect. The MDF substrate on these highly engineered panels may also be perforated independently to allow sound to pass through and be dissipated by the acoustic insulation infill.

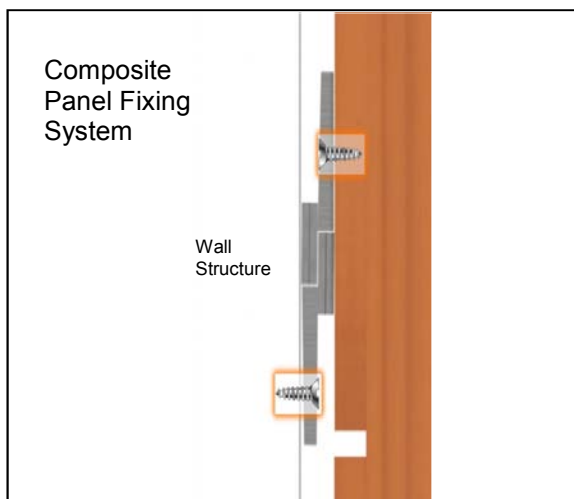


## Product Features:

- Fire rated, low formaldehyde (E1 Grade), 18mm MDF Baseboard.
- A huge range of surface finishes, colours and perforation patterns, (visit Murano website for details), including innovative grooved facings with excellent sound absorbing performance.
- Excellent sound absorption & reverberation control
- Typical applications include Schools, Lecture Theatres, Auditoriums, and most public spaces.
- Exceptional high impact strength & durability for for hard wearing areas such as Sports Centres, Workshops, etc.
- Black Soundtex acoustic felt backing.
- Concealed fixing system.
- Can be manufactured to custom requirements (subject to order size)

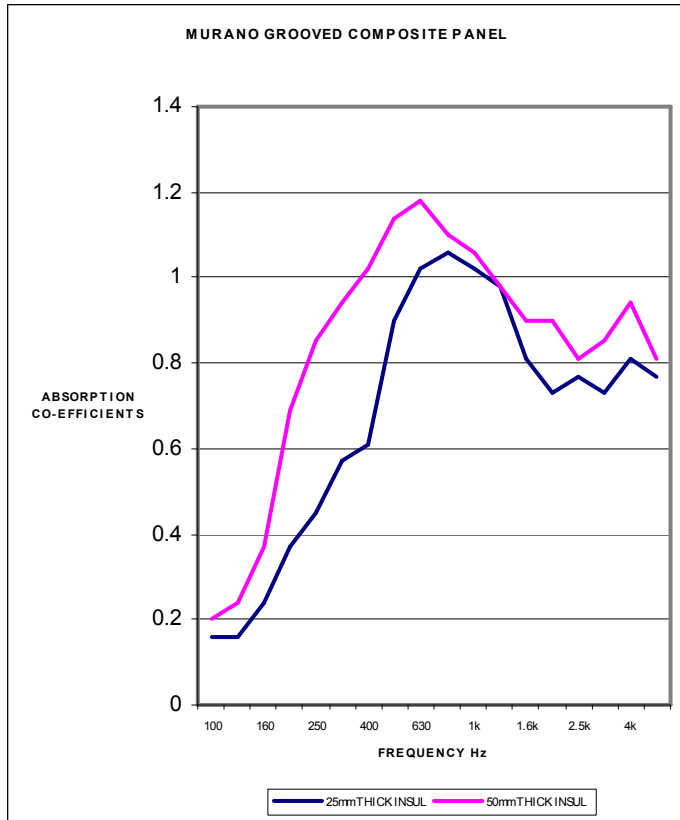
## Installation

Murano Decorative Composite Timber Panels are available in a range of perforated and slotted patterns that are ideal for stylish sound absorbing wall and ceiling linings. The use of Murano aluminium split battens allows for an easily demountable wall cladding system. Install spaced at 600mm centres, over the area to be clad. The split battens are then fixed in place direct to the wall substrate as shown in the diagram below.



# Sound Absorption

Murano Grooved Composite Panel has been tested in accordance with ISO354 (Measurement of Sound Absorption in a Reverberation Room). The graphs below show typical Sound Absorption profiles Grooved Murano Composite Timber Panels. Graph 1 shows 25mm insulation and Graph 2 shows 50mm insulation be installed in the panels.



Frequency (Hz)	Absorption Coefficient	
	25mm	50mm
100	0.16	0.20
125	0.16	0.24
160	0.24	0.37
200	0.37	0.69
250	0.45	0.85
315	0.57	0.94
400	0.61	1.02
500	0.90	1.14
630	1.02	1.18
800	1.06	1.10
1k	1.02	1.06
1.25k	0.98	0.98
1.6k	0.81	0.90
2k	0.73	0.90
2.5k	0.77	0.81
3.15k	0.73	0.85
4k	0.81	0.94
5k	0.77	0.81
NRC	0.77	0.96

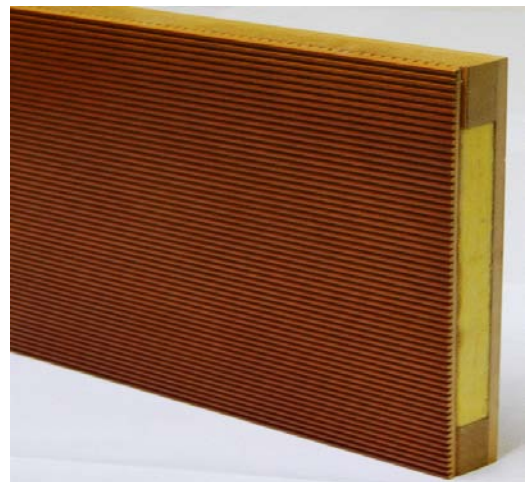
## Specification

**Product name:** Murano Grooved Composite Panels

**Perforation Pattern:** Parallel Grooves, 3mm diam, at 8, 16, or 32mm centres over entire panels face.

**Panel Dimensions:** eg, 2400mm x 600, 1200mm x 600mm, 600mm x 600mm or custom size. Additional length can be achieved by adding borders around the panel.

**Surface Finish:** Decorative Laminate, Painted Finish, Real Wood Veneer. (Refer to sep. Murano colour range brochure)



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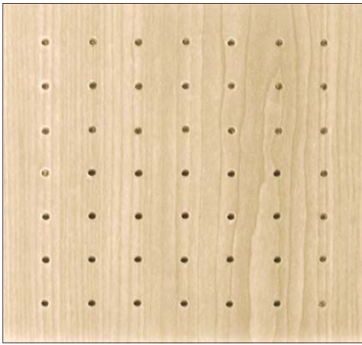
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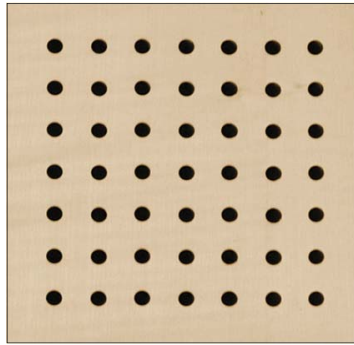


For more information, visit: [www.muranoacoustics.com.au](http://www.muranoacoustics.com.au)

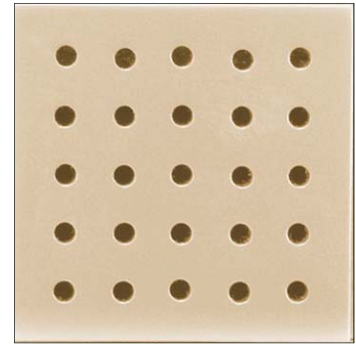
# Murano Supremo Pattern Range



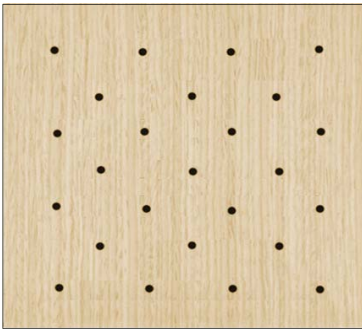
P316 HOLES



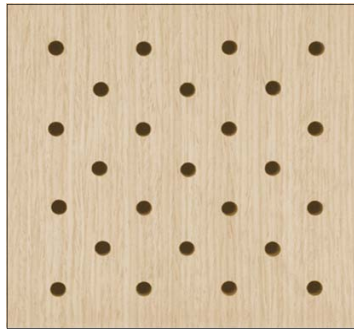
P616 HOLES



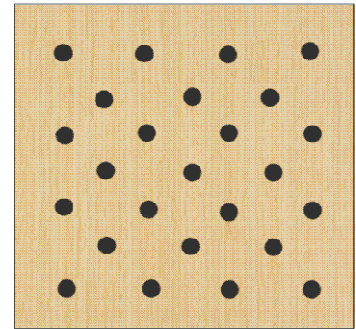
P916 HOLES



PL316 HOLES OFFSET



PL616 HOLES OFFSET



PL916 HOLES OFFSET



G8 GROOVES



G16 GROOVES



G32 GROOVES



S56 SLOTS



SL56 SLOTS OFFSET



SL100 SLOTS OFFSET

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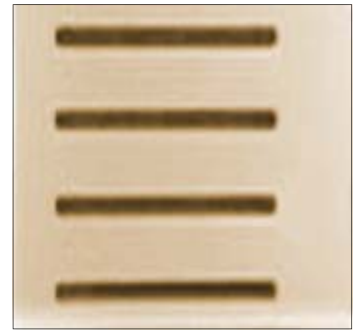
# Murano Supremo Pattern Range



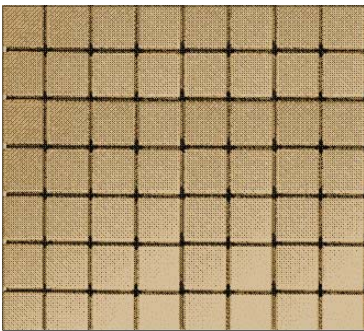
G48 GROOVES



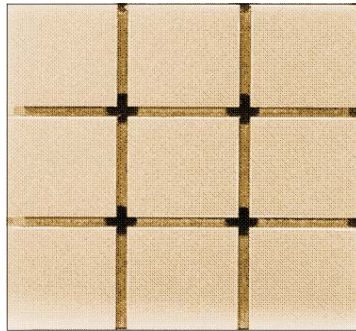
G64GROOVES



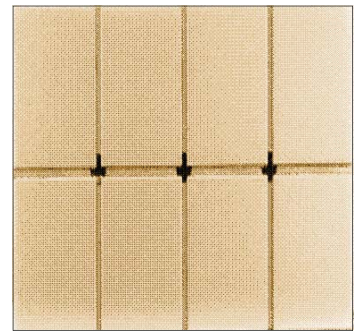
S100 SLOTS



Q16 SQUARES



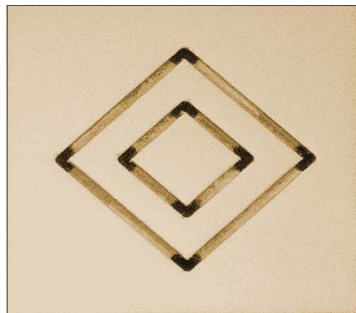
Q32 SQUARES



Q48 SQUARES



Q62 SQUARES



D64 DIAMOND



D48 DIAMOND

For further technical information please go to the MURANO website at [www.muranoacoustics.com.au](http://www.muranoacoustics.com.au) or email [sales@sontext.com.au](mailto:sales@sontext.com.au)

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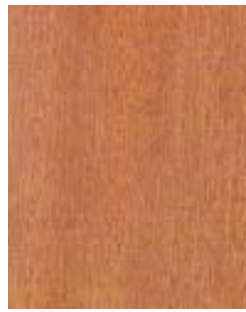
## MURANO NATURAL WOOD VENEER PANEL RANGE



Sapelli 1002



Walnut 1012



Mahogany 1070



Cherry 1023



Zebrano 1098



Beech 1031



Oak 1053



Ash 1090



Maple 1081



Anigre 1099

## MURANO DECORATIVE LAMINATE PANEL RANGE



Dark Oak 2050



Dark Cherry 2026



Aged Walnut 2013



Walnut 2014



Cherry 2025



Light Oak 2053



White Oak 2052



Argent 2200

Note: Colour tones in these images may vary from the actual product, due to variances in computer monitors and printer settings. Clear timber finishes such as lacquers will also cause timbergrain colours to darken.

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For more information, visit:



### SUPREMO™ GROOVED ACOUSTIC PANELS— WALL CLADDING

1. DEMOUNTABLE METHOD: SUPREMO grooved acoustic panels have an MDF core, laminated, veneered or finished to suit. They are supplied as tongue and grooved “planks” in widths of 197, 293 and 581mm , up to 2400mm long. The installation system described here allows for a fastener-free, demountable and re-usable wall finish, with virtually undetectable horizontal joints.

#### General Instructions

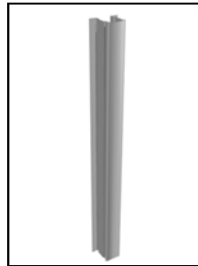
The fixing rails need to be securely screw fastened to the structure. Insulation may be inserted between the rails to increase the acoustic performance if required . To increase the thickness of the cavity, timber battens of appropriate thickness will need to be installed first.

For Murano panels installed horizontally, start from the lowest panel and work upwards.

#### COMPONENTS

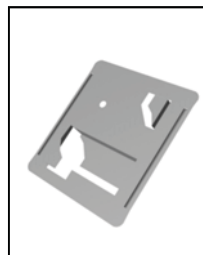
Murano Fixing Rails

(Aluminium Extrusion) and self-tapping screws.



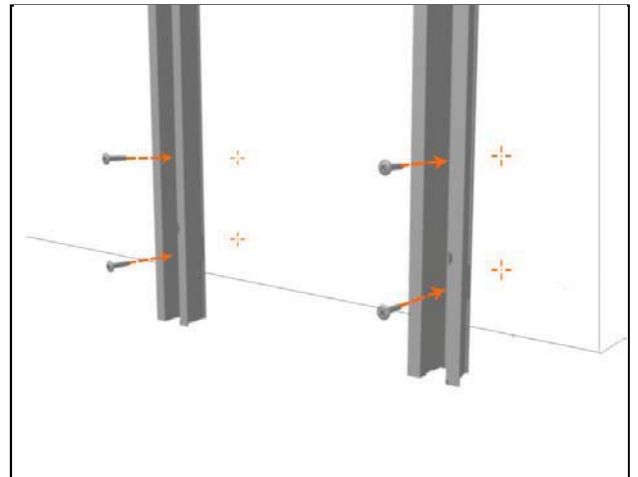
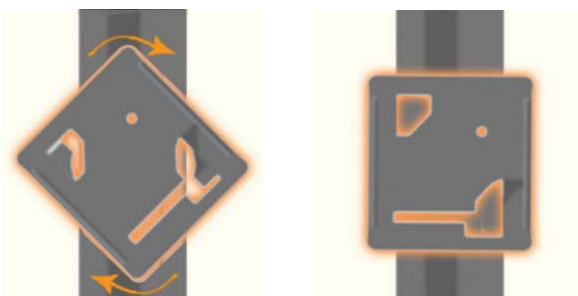
Murano FixingClips

For fixing all subsequent panels (see below)

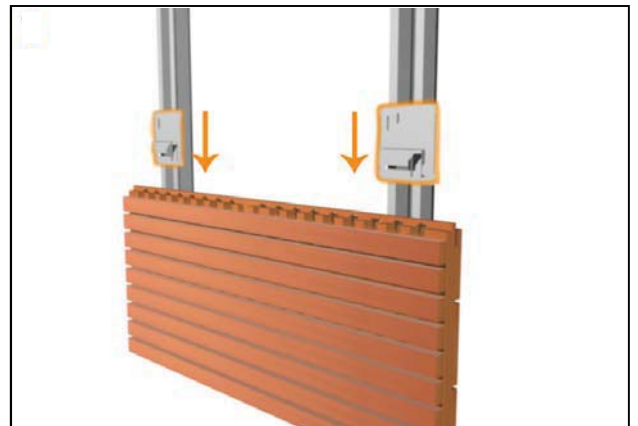


#### Securing Fixing Clips

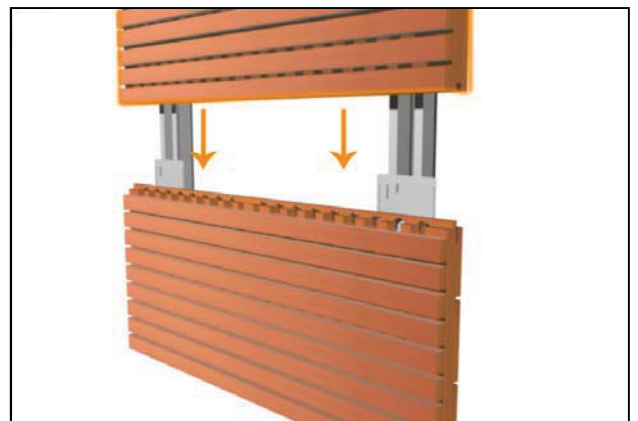
The clip lugs are pushed into the u-shaped fixing rails and rotated as shown below, until they “click” into position. They can then be slid down the rail to retain and hold the panel as shown in diags. 2 and 3 opposite.



1. Install Fixing Rail to surface at 600mm centres



2. Position and fix the first panel using Starter Clips



3. Install subsequent tongue and grooved panels and secure with Fixing Clips as shown at left



### SUPREMO™ PERFORATED ACOUSTIC PANELS— WALL FIXING SYSTEM

Murano SUPREMO Timber Panels are available in a range of perforated and slotted patterns. These can be utilized as a stylish sound absorbing wall treatment (insulation infill is required, see below and Fig 2), or simply as a decorative cladding. In both cases, the use of Murano aluminium split battens allows for an easily demountable wall cladding system.

**TO MAXIMISE ACOUSTIC PERFORMANCE:** Install to existing walls by **FIRST** fixing timber battens (of the required thickness), spaced at 600mm centres, over the area to be clad. The split battens are then fixed in place to create an air space between the panels and the wall as shown in Fig. 1. Fibrous insulation is then fitted between the battens as an acoustic absorber., prior to installing the SUPREMO panels. Refer to Murano product brochure or website for information on sound absorption with and without insulation.



Fig.1 DECORATIVE WALL SYSTEM

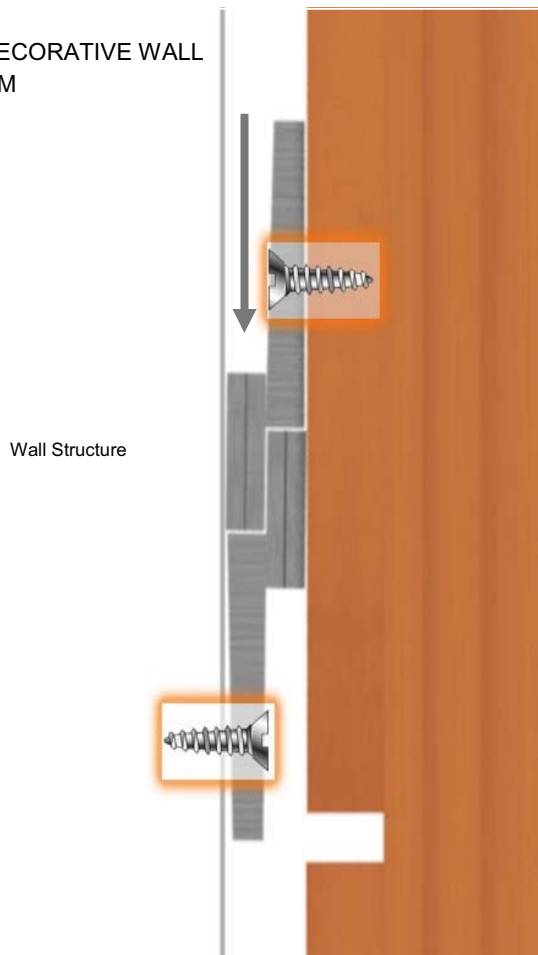
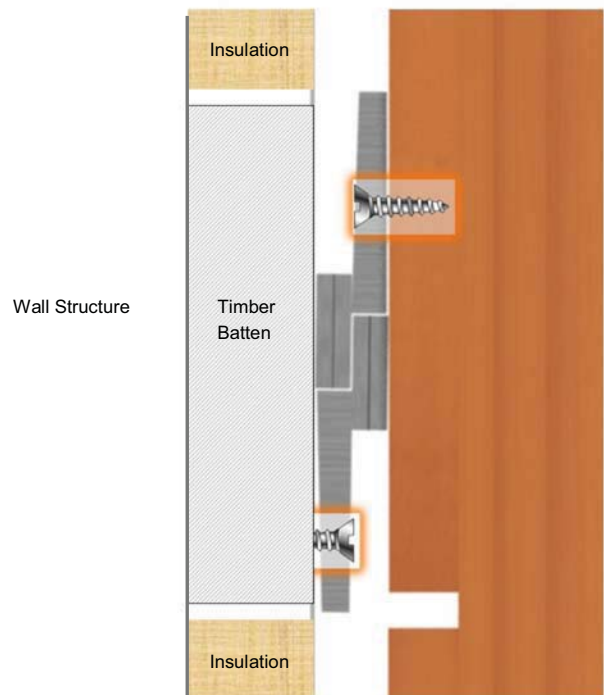


Fig. 2 ACOUSTIC WALL SYSTEM (WITH INSULATION)



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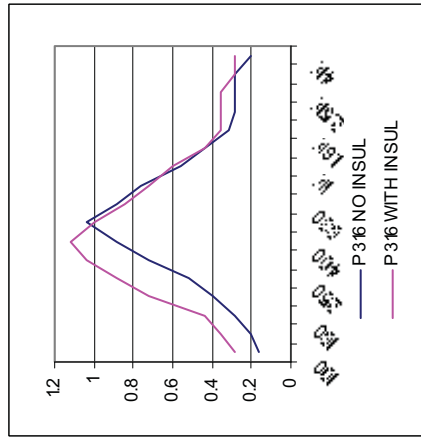
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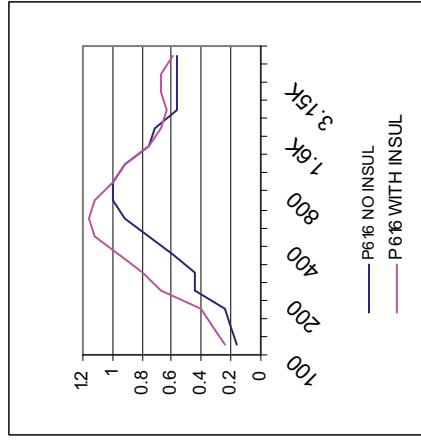
# Murano Timber Panels—Comparative Acoustic Absorption Performance



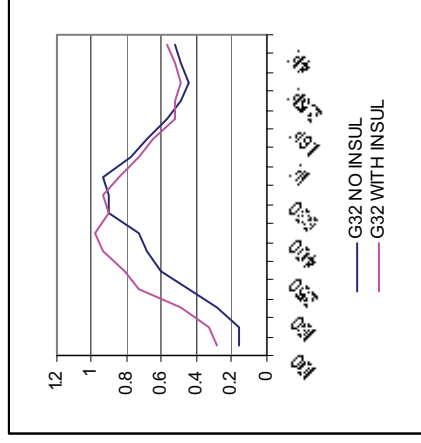
3mm Holes at 16mm Centres.  
Code P316  
NRC 0.59 (0.70)



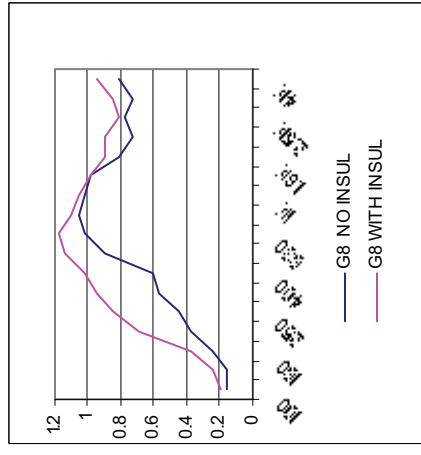
6mm Holes at 16mm Centres.  
Code P616  
NRC 0.72 (0.88) (0.85)



3mm Grooves at 32mm Centres.  
Code G32  
NRC 0.68 (0.76) (0.71)



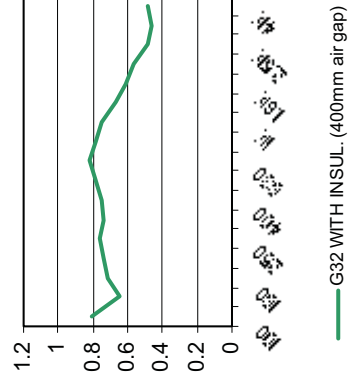
3mm Grooves at 8mm Centres.  
Code G8  
NRC 0.77 (0.96)



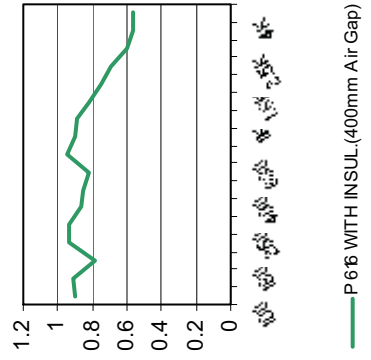
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Sontext, Murano, Sonofonic, Sonobaffles & Serenity are registered business names used by Shamrock Consulting.



## Suspended Ceiling Mounting



## Suspended Ceiling Mounting



For further information, visit the Murano website [www.muranoacoustics.com.au](http://www.muranoacoustics.com.au), or contact Sontext :

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685 Burke Road,  
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Victoria, Australia 3124  
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E: [sales@sontext.com.au](mailto:sales@sontext.com.au)

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# Sonofonic™

## Acoustic Ceiling Panels



### Product Description & Applications

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

Sonofonic Acoustic Ceiling Panels are designed to provide a quiet, visually pleasing environment for interior spaces that may be otherwise difficult to utilise fully, simply because: (a) noise levels may be unacceptably high, or (b) reverberation causes speech, music, etc, to be hard to hear clearly or is distorted. Sonofonic Panels consist of a lightweight fire resistant core with a cleanable, slightly textured paint finish. The panels are available with a variety of edge profiles to fit most available suspended ceiling grid systems. Typical applications include boardrooms, open plan commercial offices, lecture theatres and hospitality function rooms.

### Panel Dimensions

Edge Profile	Panel Thickness			
	12mm	15mm	20mm	30mm
Square	600x600 600x1200	600x600 600x1200	600x600 600x1200 1200x1200	
Tegular	600x600 600x1200	600x600 600x1200	600x600 600x1200 1200x1200	
Concealed A			600x600 600x1200 1200x1200	
Concealed B			600x600 600x1200 1200x1200	
Concealed C			600x600 600x1200	
Beveled - for Direct Fix to Ceiling (see sep. Data Sheet)	600x600 600x1200			600x600 600x1200

### Available Edge Profiles\*

Square Edge	
Tegular Edge	
Concealed Grid	



\*For more information on Sonofonic Ceiling Panels consult the Supplementary Data Sheet "Sonofonic Edge Details and Surface Finishes", available from Sontext (contact details shown on P.2)

### Key Attributes of Sonofonic Panels

- **Sound absorption: Excellent (see P.2)**
- **Surface Finish: Textured, cleanable paint finish. Choice of three.**
- **Light Reflectance: High (standard finish is flat white)**
- **Humidity, Sag & Moisture resistant**
- **Choice of edge profiles**
- **Fire Resistance: Class 1 (BS476 Part 6&7)**
- **Lightweight (approx. 2.0 kg/m<sup>2</sup> for 20mm thick panel)**
- **Washable: Can be detergent cleaned.**





### Available Surface Finishes

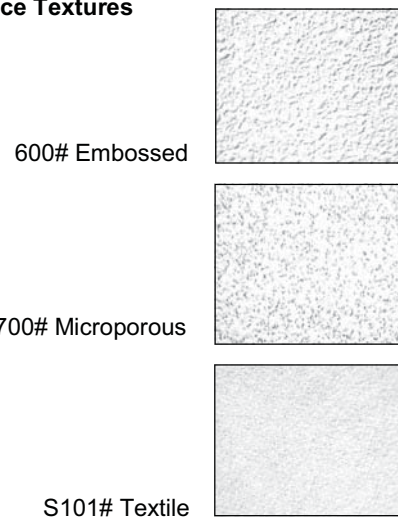
Sonofonic Ceiling Panels are coated with a durable finish called Tonasorb™. This finish is available in three grades, 700# Microporous, 600# Embossed, and S101# Textile — each of which provides a different combination of subtle textured appearance and sound absorption performance.

Tonasorb gives Sonofonic Ceiling Panels a high impact, cleanable surface but allows sound waves through to be dissipated by the sound absorbing substrate. Tonasorb has a very high light reflectance for both incident daylight and internal lighting systems. Tonasorb finish is factory applied to the face and all exposed edges of the panels. The rear side of all Sonofonic panels is sealed with a non woven glass fibre scrim.

### Colours

Sonofonic Acoustic Panels are available with either white or black as standard. Other colours are available on request, subject to minimum order quantities.

### Tonasorb Surface Textures



### Acoustic Performance

Surface Facing	Thickness (mm)	Frequency (Hz)	125	250	500	1000	2000	3150	4000	5000	NRC
			Sound Absorption Co-efficient								
700#	15		0.88	1.12	1.16	0.88	1.08	1.08	1.00	1.04	<b>1.00</b>
700#	20		0.45	0.80	1.00	0.90	1.00	1.03	1.02	1.03	<b>1.00</b>
600#	15		0.64	1.00	0.96	0.80	0.92	1.04	1.00	1.08	<b>0.90</b>
600#	20		0.72	0.92	0.92	0.80	0.92	1.00	0.92	0.96	<b>0.90</b>
S101#	12		0.68	1.04	1.00	0.72	1.00	1.04	1.08	1.12	<b>0.95</b>
S101#	15		0.48	0.96	0.92	0.70	0.80	0.96	0.88	1.00	<b>0.90</b>
S101#	20		0.55	0.80	0.90	0.85	0.95	1.01	1.03	1.01	<b>0.90</b>

Acoustic tests were performed to ISO354 (Measurement of Sound Absorption in a Reverberation Room). 20mm thick Sonofonic panels with 700# and S101# facing were tested by MULLER-BBM (Germany) mounted with a 180mm air gap. (Test Certificates available). All other panels were tested by Tongji University Institute of Acoustics (China), with a 200mm air gap behind.

For further information, contact Sontext Pty Ltd or its Distributors:

#### Vic Office & Head Office Australia:

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#### NSW Office:

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# Sonofonic™

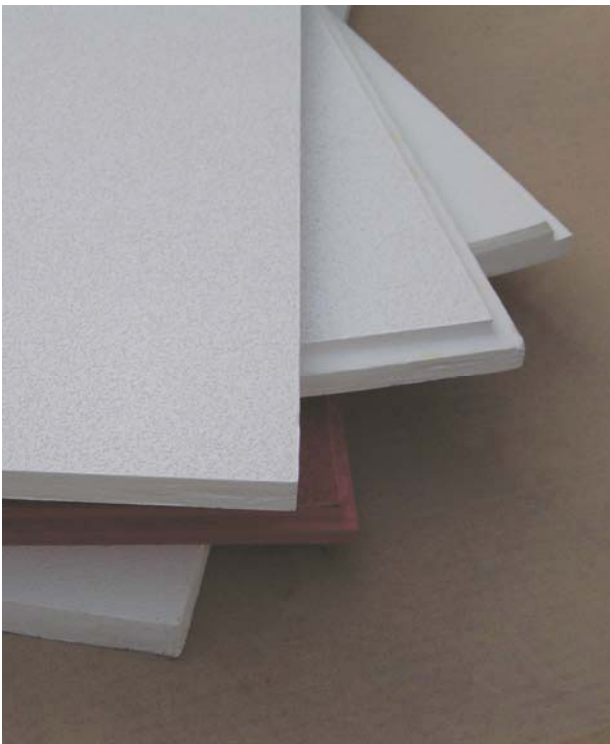
## Acoustic Ceiling Panels



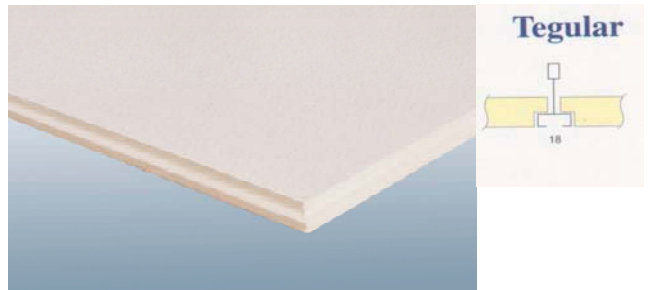
### Supplementary Data Sheet - Available Edge Profiles

Sonofonic Ceiling Tiles are manufactured from high density compressed glasswool board, faced with a washable, durable, lightly textured painted surface. The panels offer excellent acoustic performance and come in standard white or black (or a range of special colours to order), and edge details to suit most ceiling suspension grid systems.

For more detailed information on the characteristics of Sonofonic Ceiling Tiles, including acoustic and fire performance, please request a Sonofonic brochure from SONTEXT. Contact details are at the foot of this page.



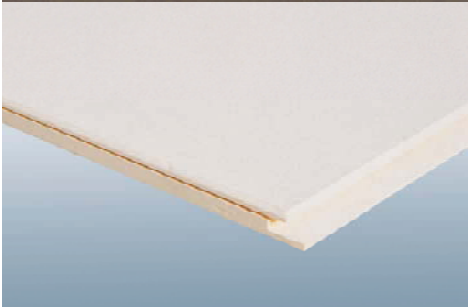
Sonofonic Square Edge Ceiling Panel



Sonofonic Tegular Edge Ceiling Panel



Concealed Edge A Ceiling Panel



Concealed Edge C Ceiling Panel



Concealed Edge B Ceiling Panel

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# Sonofonic™

## Acoustic Ceiling Panels



### Direct Fix Installation Guide

Sonofonic Ceiling Panels are available in a variety of sizes, edge profiles and thicknesses. As an alternative to installation in a suspended grid system, any of these product variations can be installed using the direct fixing method to ceiling surfaces that are smooth and in a sound condition. The choice of edge detail is one of preference by the end user or the designer.



Sonofonic Square Edge Panels installed using direct fix method

Available Edge Profiles*	
Square Edge	
Tegular Edge	
Concealed Grid	

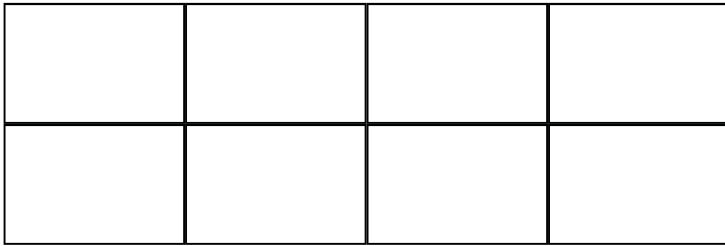


Sonofonic Square Edge Panels fixed directly to the ceiling, and with a perimeter C Channel moulding covering the exposed edge.

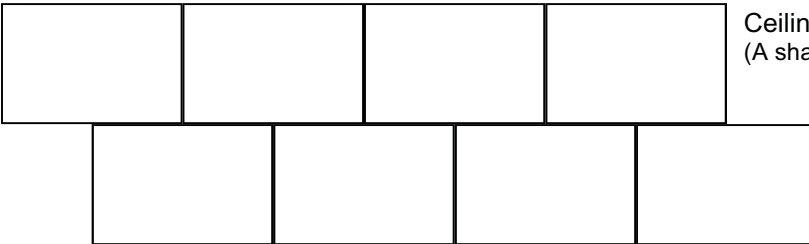
Edge Profile	Panel Thickness			
	12mm	15mm	20mm	30mm
Square	600x600 600x1200	600x600 600x1200	600x600 600x1200 1200x1200	
Tegular	600x600 600x1200	600x600 600x1200	600x600 600x1200 1200x1200	
Concealed A			600x600 600x1200 1200x1200	
Concealed B			600x600 600x1200 1200x1200	
Concealed C			600x600 600x1200	
Beveled - for Direct Fix to Ceiling (see sep. Data Sheet)	600x600 600x1200			600x600 600x1200 0



## Tile Layout Options

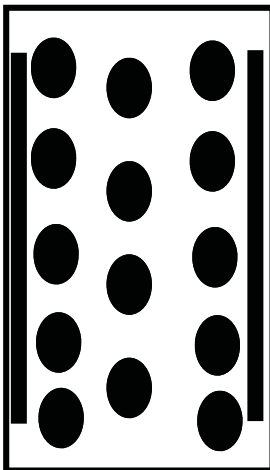


Ceiling Layout Option 1: Square Pattern.  
(A shadow line between panels is optional)



Ceiling Layout Option 2: Brick Pattern  
(A shadow line between panels is optional)

## Instructions for Direct Fixing



### Adhesive

Using the direct fix method Sonofonic panels can be fixed with contact adhesive and double sided tape. **It is important when choosing the contact adhesive that attention is paid to the manufacturers instructions.** It is recommended to also use double sided adhesive tape to secure the panels during curing time of contact adhesive. Apply contact adhesive in blobs as per diagram.

It is extremely important to ensure that the fixing substrate is clear of dust, is smooth, dry and level. Depending on the cure time of the contact adhesive additional T bracing can be used. (Contact your local Sontext distributor for further details).

Sonofonic Tiles can be cut easily with a knife. We strongly recommend the wearing of gloves to ensure a clean face is maintained.



### Edge Trims

While it is not mandatory to place an edge trim around the layout of the Sonofonic Ceiling Panels, it can add a finishing touch to the décor as seen in the photograph. One option is a aluminium C channel, powder coated to match the colour of the panel and mitred on the corners (depending on the layout).

For further information, contact Sontext Pty Ltd or its Distributors:

#### Vic Office & Head Office Australia:

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# SONOBAFFLE™ ACOUSTIC BAFFLES



Sonobaffles are a decorative, lightweight sound absorbing products for vertical suspension from ceilings and roof structures. Sonobaffles were introduced by Sontext to reduce unwanted noise or reverberation (echo) in large spaces such as open plan offices, factories, warehouses swimming pools, gymnasiums, etc.

Sonobaffles are acoustical absorbers that provide a general purpose treatment for noise reduction and reverberation control. By using colour and size the aesthetic feel of a building can be enhanced by adding Sonobaffles to the space.

To discuss you project requirements please call Sontext your nearest distributor.



## Typical Applications

- COMMERCIAL PREMISES  
Open plan office areas, call centres
- CONVENTION CENTRES
- EXHIBITION HALLS
- SPORTING/PUBLIC SPACES  
Gymnasiums, schools, swimming pools
- INDUSTRIAL  
Workshops, factories, warehouses.
- SPECIALIST  
Retail showrooms, television studios

## Acoustic Performance

*Sonobaffles* have been tested in N.A.T.A. approved reverberation chamber test to AS 1045 –1988 based on ISO354 and have achieved a Noise Reduction Coefficient (N.R.C.) of 0.80 for 75mm thick.

For performance results at other thicknesses contact Sontext.

	Sound Absorption Coefficients Reverberation room method (Hz)								
Thickness	100	125	250	500	1000	2000	4000	5000	N.R.C.
50mm	0.10	0.15	0.25	0.70	1.05	0.95	0.80	0.70	0.70
75mm	0.20	0.30	0.60	0.95	0.95	0.80	0.70	0.65	0.80

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For more information, visit: [www.sontext.com.au](http://www.sontext.com.au)

## ACOUSTIC BAFFLE DATA SHEET

*Sonobaffles* are a new product introduced by *Sontext* to reduce unwanted noise or echo in large spaces such as open plan offices, factories, warehouses, swimming pools, gymnasiums, etc. *Sonobaffles* are acoustical absorbers that

provide a general purpose treatment for noise reduction and reverberation control. By using colour and size the aesthetic feel of a building can be enhanced by adding *Sonobaffles* to the space.

### Product Description

*Sonobaffles* are a decorative, lightweight acoustical product for vertical suspension from ceilings and roof structures. *Sonobaffles* are easily installed using a wire or chain fixed through the eyelets in the top of the panel.

*Sonobaffles* are constructed of a sound absorbing material encapsulated in a decorative membrane. *Sonobaffles* come in standard sizes but can be made to order.

### Applications

- COMMERCIAL PREMISES  
Open plan office areas, Call Centres
- CONVENTION CENTRES/EXHIBITION HALLS
- SPORTING/PUBLIC SPACES  
Gymnasiums, schools, swimming pool
- INDUSTRIAL  
Workshops, factories
- SPECIALIST  
Retail showrooms, television studios

### Fabric Options

*Sonobaffles* are available in a wide range of finishes, including fabric, sail cloth or Polythene

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

### Panel Size

Thickness: 50mm, 75mm.  
Thickness selection will depend on the acoustic performance required

Size: 1200 x 600mm, 1200 x 1200mm,  
2400 x 1200mm  
Custom sizes are available subject to order quantity.  
Contact *Sontext* for more information, or to discuss.

### Acoustic Performance

*Sonobaffle Panels* have been tested in N.A.T.A. approved reverberation chamber test to AS 1045 –1988 (based on ISO354) and have achieved

a Noise Reduction Coefficient (N.R.C.) of 0.80 for 75mm thick (see below). For other results contact *Sontext*

Thickness	Sound Absorption Coefficients Reverberation room method (Hz)								N.R.C.
	100	125	250	500	1000	2000	4000	5000	
50mm	0.10	0.15	0.25	0.70	1.05	0.95	0.80	0.70	0.70
75mm	0.20	0.30	0.60	0.95	0.95	0.80	0.70	0.65	0.80

### Specifying *Sonobaffles*

To specify *Sonobaffles* include the following in your specification  
- Suspended Acoustic Baffles shall be *Sonobaffle*

- ..mm thick x ..mm high x ..mm wide
- Fabric Facing, ..(name), (code), .. (manufacturer)
- Number of Panels required

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