

# Murano

## ACOUSTICS

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

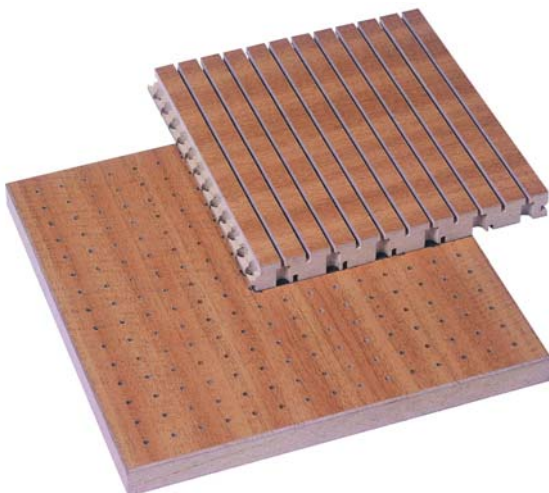
Sontext presents MURANO ACOUSTICS™ - a range of perforated, grooved or slotted timber ceiling and wall panels, incorporating the latest perforation techniques to maximize sound absorption and reduce reverberation. Murano Acoustic Wood Panels are available in a standard range of veneers and laminate surfaces. 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.



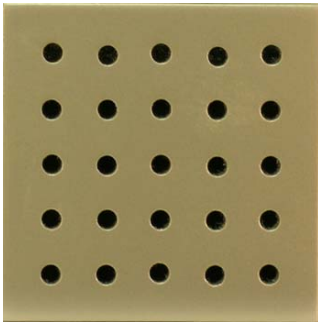
#### Murano Features:

- Fire Hazard Properties: Complies as a Group 1 material. Ref. 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.



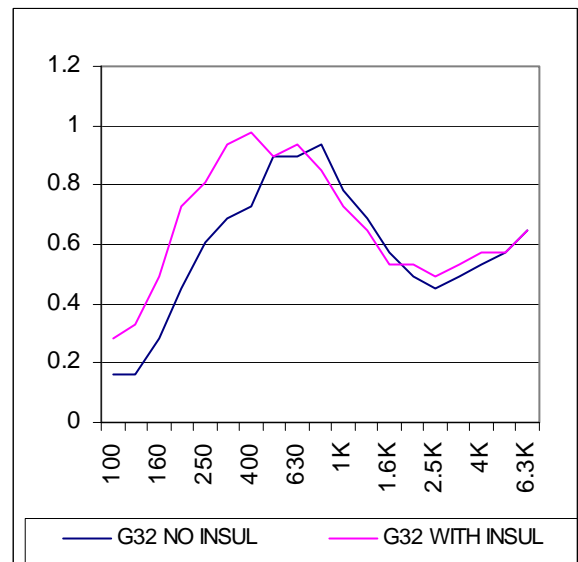
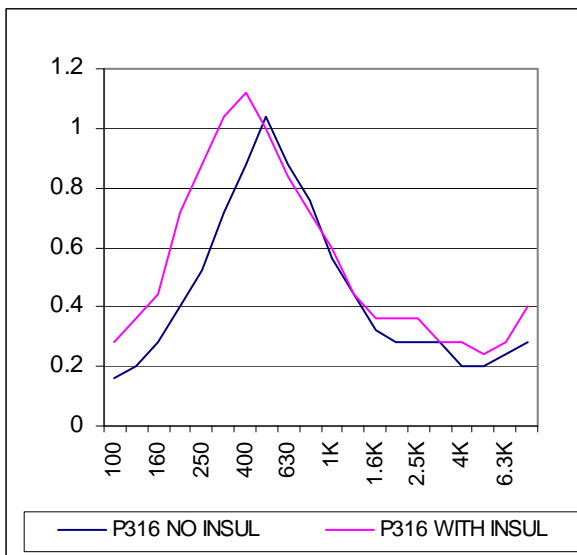
Groove Pattern: 3mm Diam.  
at 32mm centres.  
Pattern No.: G32  
Core: Fire Retardant MDF  
Thickness: 18mm  
Panel Widths:  
197/293/581mm  
Panel Lengths:  
600/800/1200/2400mm  
Weight (kg/m2): 10.78.

## 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 baseboard (with zero formaldehyde) can be supplied if required.

Please contact Sontext for further details.



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