

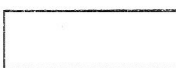



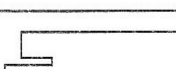



**Sonofonic Sound Shapes™** take the design of suspended ceiling systems into a new dimension. Manufactured from Sontext’s well-known Sonofonic™ sound absorbing Sound panels, Sound Shapes introduce a variety of shapes to ceiling panels, thus allowing the Interior Designer to break free from the constraints of designing to a standardised rectangular ceiling grid pattern. Sonofonic Sound Shapes can be used as a complete ceiling system, or as a localised feature area.

The high performance sound absorbing qualities of Sonofonic panels will enhance the décor of any interior space, and by minimising reverberation or reflected sound, will also provide the occupants with a more comfortable listening and speaking environment. 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.

## Features & Benefits

- Excellent sound absorption.
- First-rate surface finishes that are textured, cleanable and paint finish. There is a choice of three finishes.
- Light Reflectance: High (standard finish is flat white)
- Humidity, sag and moisture resistant.
- Designer can choose from a range of edge profiles to tailor the panels to the desired look.
- Fire Performance: British Standard BS476 Part 6&7 : Class 1 (Surface Spread of Flame)  
Australian Standard AS3837 : Group 1  
(Refer Specification C1.10a of the Building Code of Australia)
- Lightweight (approx. 2.5 kg/m<sup>2</sup> for 20mm thick panel).

Square Edge		
Tegular Edge		
Concealed Grid		

More information on Edge Profiles is available on Datasheet.

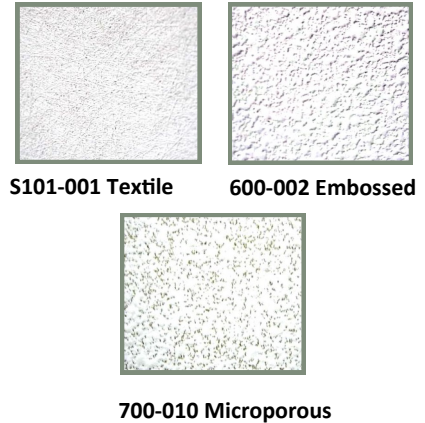
# Sonofonic Acoustic Ceiling Panels

## 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.

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



## Acoustic Performance

Surface Facing Ref. No.	Thickness (mm)	Sound Absorption Coefficient								
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	3150 Hz	4000 Hz	5000 Hz	NRC
700-010	15	0.88	1.12	1.16	0.88	1.08	1.08	1.00	1.04	1.00
700-010	20	0.45	0.80	1.00	0.90	1.00	1.03	1.02	1.03	1.00
600-002	15	0.64	1.00	0.96	0.80	0.92	1.04	1.00	1.08	0.90
600-002	20	0.72	0.92	0.92	0.80	0.92	1.00	0.92	0.96	0.90
S101-001	15	0.48	0.96	0.92	0.70	0.80	0.96	0.88	1.00	0.90
S101-001	20	0.55	0.80	0.90	0.85	0.95	1.01	1.03	1.01	0.90
S101-001	50	0.23	0.64	1.11	1.28	1.22	1.08	1.05	1.05	1.06

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.

## Standard Panel Dimensions

Edge Profile	Panel Thickness			
	15mm	20mm	30mm	50mm
Square	600x600	600x600		1200x 1200
	600x1200	600x1200		1200x2400
Tegular		1200x1200		
	600x600	600x600		
	600x1200	600x1200		
Beveled Edge - For direct fix to ceiling			600x600	
			600x1200	

Edge Profile	Panel Thickness			
	15mm	20mm	30mm	50mm
Concealed A		600x600		
		600x1200		
		1200x 1200		
Concealed B		600x600		
		600x1200		
		1200x 1200		
Concealed C		600x600		
		600x1200		
		1200x 1200		

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



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