



## CHEOPS® ACOUSTIC PYRAMID PANELS

Cheops® Pyramids sound absorber is an attractive convoluted acoustic panel that provides a greater surface and absorptive area than flat surfaces to reduce reflected noise in a room by trapping and absorbing sound energy from all angles.

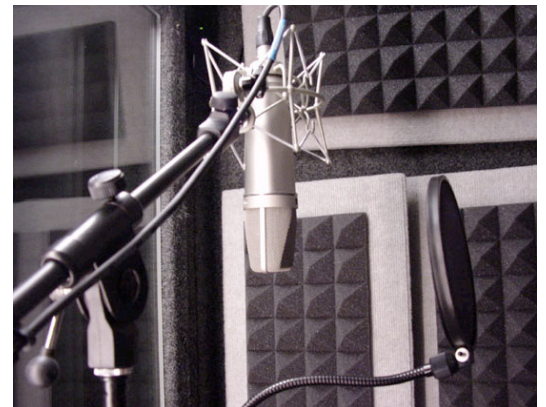
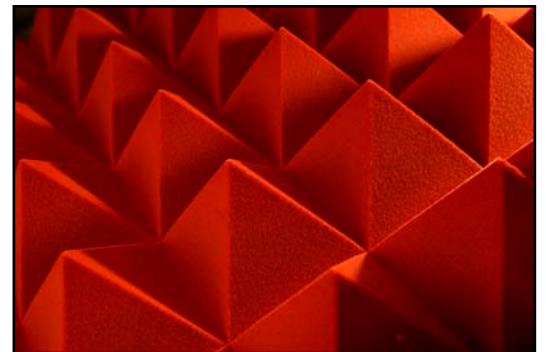
Unlike many other acoustic materials, Cheops® Acoustic Pyramid panels provide excellent acoustic control across all frequencies with Noise Reduction Coefficients ranging from 0.8 to 1.05.

Cheops® Acoustic Pyramid is available in charcoal grey colour as standard with 12 optional colours. Acoustica® also offers a custom colour service to meet individual requirements.

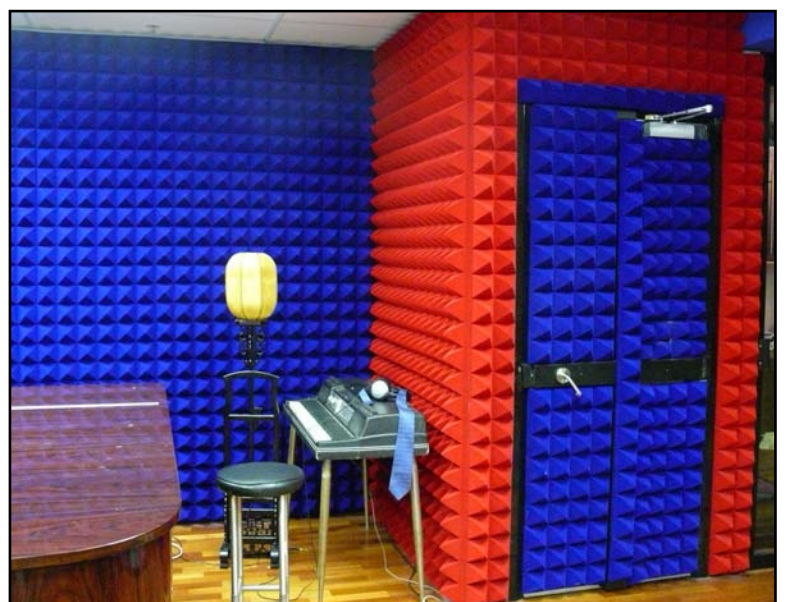
Typical applications include broadcast and recording studios, call centres, community facilities and machinery enclosures

Cheops® Pyramids are supplied in panels 600 mm x 600 mm and thickness of 50mm, 75 mm, 100 mm or 150 mm.

For architectural applications the panels are adhered to walls and ceilings to provide a continuous and seamless pattern or can be hung as a baffle.



*Example application of Cheops® Pyramids*



*Cheops® Pyramids in place in recording studio*

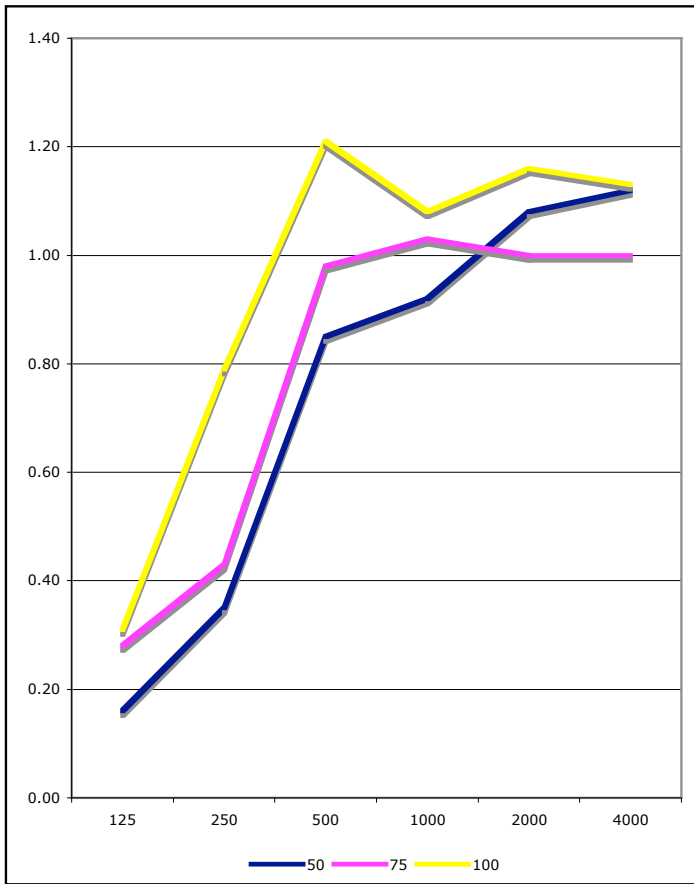
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Noise absorption level  $\alpha_s$  for Acoustica® Cheops® Pyramids. Measured according to DIN EN 20 354, Technical University of Cologne, Germany.



Cheops® Pyramids in place at Network 10

Pyramid Height	Pyramid Base	Total Surface Size	Tile Size
50	50	0.72m <sup>2</sup>	600 x 600
75	100	0.54m <sup>2</sup>	600 x 600
100	100	0.78m <sup>2</sup>	600 x 600

Frequency (Hz)

Freq	125	250	500	1K	2K	4K	NRC
$\alpha_s$ (Blue)	.16	.35	.85	.92	1.08	1.12	.75
$\alpha_s$ (Magenta)	.28	.43	.98	1.03	1.00	1.00	.86
$\alpha_s$ (Yellow)	.31	.79	1.21	1.08	1.16	1.13	1.05

Cheops® Colours	
	Osiris Black
	Phra Brown
	Sphynx Burgundy
	Horus Blue
	Scarab Green
	Tutankhamen Blue
	Isis Grey
	Sebek Purple
	Neith Red
	Nile Blue
	Nefertiti Off-White
	Papyrus Yellow
	Hathor orange

Cheops® Pyramids are fire-rated to international and Australian standards. Tested to AS 1530.3, Cheops® has the following results:

- Flammability = 0
- Spread of Flame = 0
- Heat Evolved = 0
- Smoke Developed = 0-1



acoustica®

the quiet Australian