



SONEX® ANECHOIC WEDGE SOUND ABSORBER

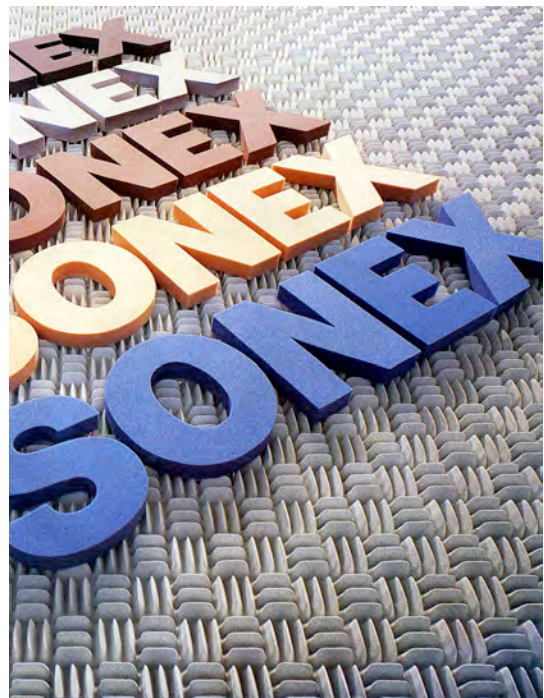
Acoustica® offers a range of sound absorption foams for use in sound and broadcast studios, community facilities, commercial buildings and for industrial machinery.

Sonex® Anechoic Wedge sound absorber consists of a contoured profile which traps airborne noise and dissipates it by absorbing the kinetic energy created by sound waves. With a surface area up to four times that of a flat surface, Sonex® collects noise from all angles, deflecting and directing it deep into the acoustic foam.



Sonex® employs a double-pronged attack on noise that no other material can beat.

1. The patented shape of Sonex® (based on the same anechoic wedge principle used in major acoustic laboratories) presents a surface area up to 400% greater than flat surface materials. That means Sonex® collects noise from all angles, deflecting & directing it deep into the base of the acoustic foam.
2. The superior structure of Sonex® helps dissipate the captured sound energy within its millions of tiny air pockets.



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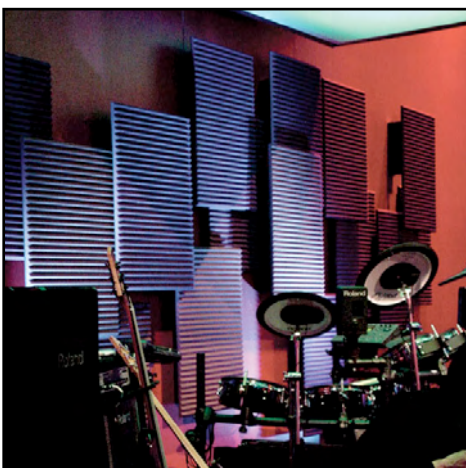
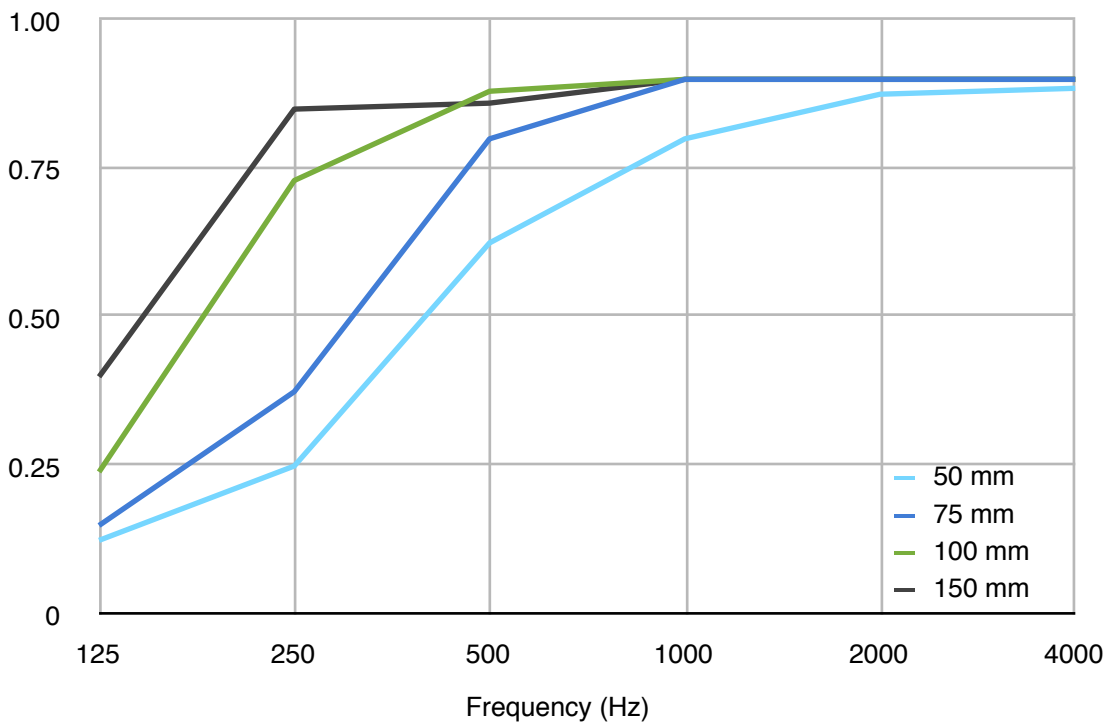
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Another critical measure of an absorber's performance is its ability to control low frequency sound. Most absorbers do a good job of handling noise above 500 Hertz (Hz), however many acoustic problems occur at frequencies below 500 Hz. For these problems, the conventional wisdom is the thicker the acoustic material, the better it controls low frequency noise.' That's why Sonex® comes in a variety of thickness', from 25 mm – 150 mm to match the frequency of your noise source.

Typical applications include industrial noise control, commercial and home audio studios and as hanging baffles in community and entertainment facilities, houses of worship and industrial workshops.

Sonex® is available in sheets & tiles – which can be mounted on walls, ceilings, or separate backing materials – or hung as baffles and is available in both flame-retardant urethane and fire rated Willtec Sonex® melamine versions.



Sonex® is fire-rated to international and Australian standards. Tested to AS 1530.3, Sonex® has the following results:

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



acoustica®
the quiet Australian