



dB Acoustics Pte Ltd
delivering Best sustainable acoustic solutions

Sonex

Acoustic Products





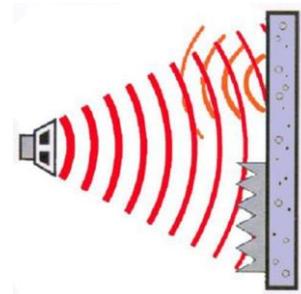
Sonex is a range of open cell acoustic foam products. The patented anechoic wedge shape of Sonex is specifically designed to catch noise from all angles and absorb and dissipate the sound energy by deflecting it deep into the acoustic panel.

Sonex can be mounted onto walls and ceilings, it can also be bonded to separate backing materials for optimised performance and customised acoustic solutions such as hanging acoustic baffles and free standing sound barriers.



Joyce Foam Products' Sonex range provides solutions for:

- Pro Audio and Music
- Industrial Noise Insulation
- Offices, Restaurants and Clubs
- Noise Barriers
- Sound Baffles



Sonex is made from combustion modified materials that have been tested to international and Australian flammability standards for automotive, aviation, and furniture industries. Sonex has also been rated under several Australian construction and building standards.

Effective absorbing materials must operate over a wide range of frequencies and at all angles of incidence, and this is where Sonex excels. Sonex has been tested rigorously in a laboratory and in thousands of field applications which means you can depend on Sonex to deliver consistent acoustic performance.

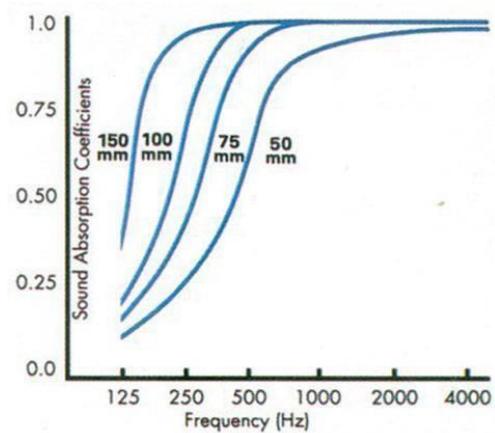
What sets Sonex apart from other acoustic materials is its unique two-pronged approach to noise reduction that no other absorbing material can match.

First, the patented surface shape of Sonex, which is based on the same anechoic wedge principle used in major acoustic laboratories, presents a surface area up to 400% greater than flat surface materials. This means Sonex collects noise from all angles deflecting and directing it deep into the base of the acoustic panel. Secondly, the superior structure of Sonex helps dissipate the captured sound energy within its millions of tiny air pockets.



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).

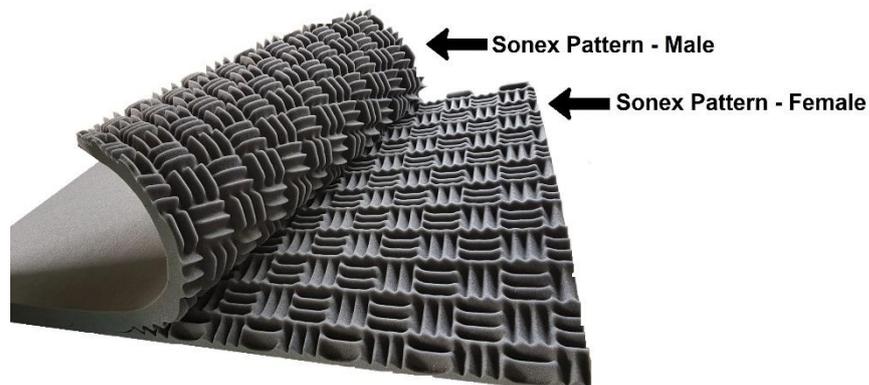
Unfortunately, many acoustic issues occur at frequencies below 500 Hz. For these problems, the conventional wisdom is the "the thicker the acoustic material, the better it controls low frequency noise". That's why Sonex comes in a variety of thickness – from 25mm to 150mm.



Sonex Product Choices

There are two categories of Sonex products; Polyether-Urethane Sonex and Melamine acoustic products. Within both ranges, there are several products choices available to fit the most noise control applications.

Sonex is sold in pairs so your order will be made up of half male and half female Sonex panels.



Sonex is available with square cut edge.



Square Edge