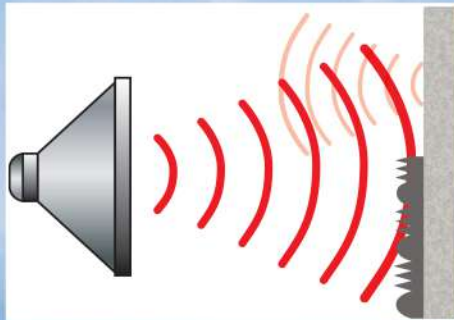
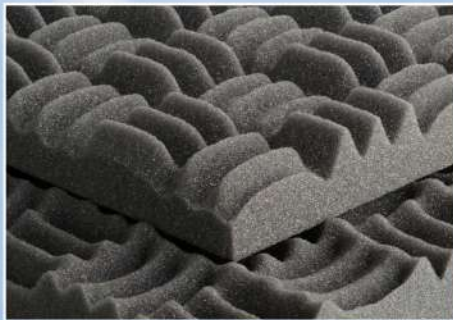




Sonex is a range of open cell acoustic foam products. The patented anechoic wedge shape of Sonex is specifically designed to catch noise from all angles and absorb and dissipate the sound energy by deflecting it deep into the acoustic panel. Sonex can be mounted onto walls and ceilings, it can also be bonded to separate backing materials for optimised performance and customised acoustic solutions such as hanging acoustic baffles and free standing sound barriers.



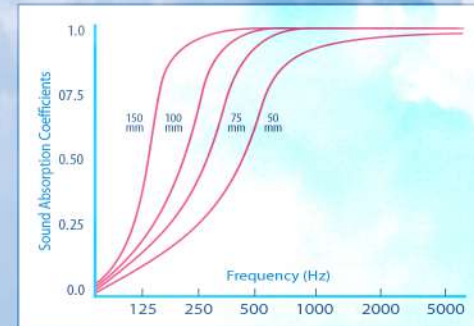
Joyce Foam Products' Sonex range provides solutions for:

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

Technical Information

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.

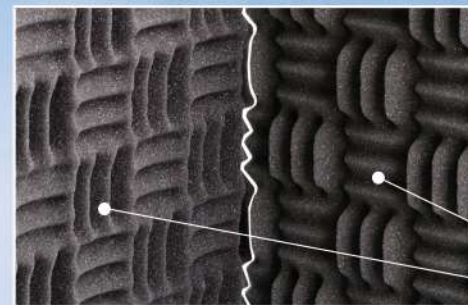
Another critical measure of an absorber's performance is its ability to control low frequency sound. Most absorbers do a good job of handling noise above 500 Hertz (HZ).

Unfortunately, many acoustic issues occur at frequencies below 500 Hz. For these problems, the conventional wisdom is "the thicker the acoustic material, the better it controls low frequency noise".

That's why Sonex comes in a variety of thicknesses - from 25mm to 150mm.

Sonex Product Choices

Joyce Foam Products manufactures open-cell polyurethane acoustic panels suitable for various noise control applications. Sonex panels are sold in nested sets where one tile consists of peaks and the other of valleys.



Sonex Pattern - Peaks

Sonex Pattern - Valleys

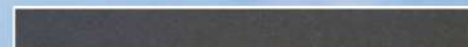
Sonex panels are available with either square cut or bevelled edges



Sonex Tile Square Edge



Sonex Tile Bevelled Edge



Sonex Sheet With Square Edge



Sonex Sheet With Bevelled Edge