

Hemifusor



The Hemifusor™ uniformly scatters sound from any direction into many directions, providing ideal distribution and coverage. Its unique shape creates an attractive, visually interesting acoustical surface.

The Hemifusor™ is the first and most affordable 2D QRD®. It offers twice the reflection attenuation of the 1D QRD®, because it uniformly scatters sound into a hemisphere. The Hemifusor™ provides uniform, omnidirectional, broad bandwidth diffusion in an attractive ceiling or wall design element.

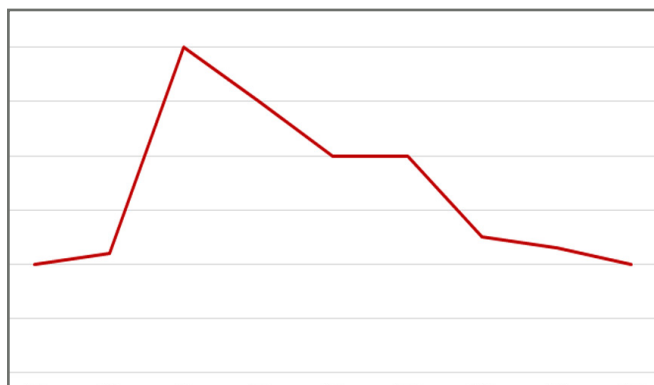
Acoustic Data

While the primary function of the Hemifusor™ is to provide broad bandwidth diffusion, it also offers a modest and beneficial amount of absorption across the frequency spectrum with emphasis at 315 Hz and 800 Hz.

The Hemifusor™ offers significant diffusion compared to a flat reflector panel above the diffraction limit of 565 Hz, which is determined by the dimensions of the panel. Above this frequency, the graph indicates how the reference reflector becomes more and more specular as the frequency increases, whereas the Hemifusor™ provides a constant diffusivity.

Installation

The Hemifusor can be wall mounted or suspended in a standard T-bar grid.



Frequency	Absorption
100	0.2
160	0.22
250	0.6
400	0.5
630	0.4
1000	0.4
1600	0.25
2500	0.23
4000	0.2

