

# FLEXIFUSER™

The FlexiFuser™ is a 24" x 48" x 8" variable pitch diffuser and absorber that employs a series of adjustable slats allowing the engineer a way to customize the reflective pattern. Behind the slats, a full-size, 2" thick high-density fiberglass panel absorbs excessive energy from 250Hz and up. This combination of adjustable slats and absorptive panel helps to eliminate standing waves and flutter echo and is tunable to any room or listening position.

The FlexiFuser enclosure is made from MDF wood composite with an easy to clean black melamine finish and ships flat to reduce freight. Final assembly is performed on site using a household screwdriver. Building a FlexiFuser takes about 15 minutes from start to finish.

**SPECIFICATIONS:**

<b>FRAME MATERIAL</b>	Black melamine laminated MDF outer & slats
<b>DIMENSIONS</b>	24" (610mm) x 48" (1219mm) x 8" (203mm)
<b>PANEL MATERIAL</b>	Formed, semi-rigid inorganic glass fibers; Density 6.0 lbs. pcf. (96 kg/m <sup>3</sup> )
<b>FABRIC FACING</b>	Acoustically transparent polyester, Gray only
<b>ORDER NUMBER</b>	Z840-1135-08

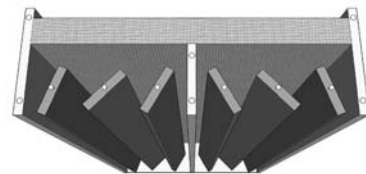
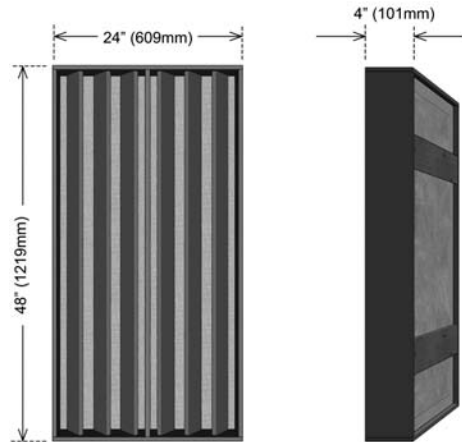
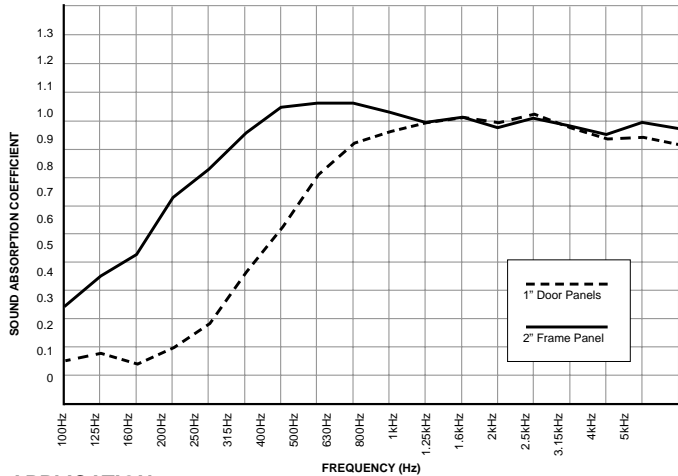


**ABSORPTION CHARACTERISTICS:\***

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

\* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



Top panel removed to show slats.

**APPLICATION:**

Diffusers mounted behind the listening position break up front to back room reflections and create a sense of air.

