

Wooden Diffusers



Quadratic Diffusers

The Quadratic diffuser offered by Acoustics India provides greater balance between diffusion and absorption. Its square shape and material offers high levels of absorption. Our diffuser provides good acoustic quality and is widely used in small rooms.

Technical Details

Material : Natural Wood
Size : 600 x 600 x 60mm

Acoustical Performance

Diffusion Coefficient Value						
Size (mm)	125 Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
600 x 600 x 60	0.45	0.56	0.61	0.7	0.7	0.5

Absorption Coefficient Value						
Size (mm)	125 Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
600 x 600 x 60	0.41	0.46	0.24	0.14	0.08	0.1

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Salient Features

- Visually pleasing
- Impact resistant
- Moisture and mildew resistant
- Fire resistant
- Easy to install
- High quality natural wood material
- A wide range of standard colors and shades available.

Applications

- Auditoriums
- Music Rooms
- Studios
- Practice Rooms
- Residential

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Bamboo Pyramid Diffusers

The Bamboo Pyramid Diffuser offered by Acoustics India provides supreme quality sound diffusion. Our diffusers can act as an effective bass trap when filled with absorptive material. The bamboo material provides a better musical experience when tested against comparable products. Due to its light weight and sturdy nature, it can be easily mounted.

Technical Details

Material : Natural Bamboo
Size : 600 x 600 x 16mm

Diffusion Coefficient Value						
Size(mm)	125 Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
600 x 600 x 16	0.49	0.54	0.61	0.72	0.76	0.48

Absorption Coefficient Value						
Size(mm)	125 Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
600 x 600 x 16	0.07	0.15	0.15	0.23	0.22	0.25

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Salient Features

- Lightweight, sturdy sound diffuser
- Eliminates flutter echoes
- Disperses sound evenly
- Doubles as an effective bass trap when filled with absorptive material
- Sized to be easily suspended on the ceiling grid
- Can also be easily installed on wall surfaces
- Made from eco-friendly sustainable bamboo

Applications

- Concert Halls
- Choral Rooms
- Band Rooms
- Musical Facilities