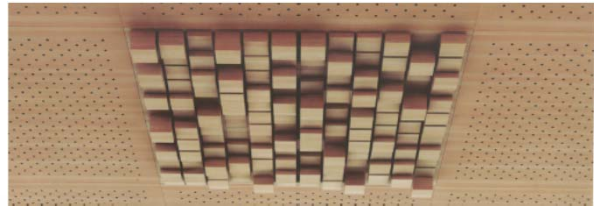


Acoustic Ceiling Diffuser

product code: #AD-IT-CD01

[Note 1]

Technical Data Sheet



Installed at Ceiling



Description

Diffuser system is normally used for improving acoustic performance, enabling greater audibility and allowing ease of communications. For example, the occupants either wishes enhance the acoustic environment in Home Theatre Room. Scatter sound waves in different directions can eliminate floating echoes which may be due to the geometry of the space.

Because of the shape of Diffuser, it makes the waves happening in the surface to be reflected in multiple directions, getting a diffused field, that is more homogenous sound field.

Benefits

- Enhance the acoustic environment
- Enhance sound to be widely and evenly distributed
- Neutralise undesired reflections & possible interference with recording equipments of loudspeakers
- Acoustic efficiency and decorative at the same time
- Control floating echoes without reducing wave's intensity

Note 1- This product is supplied/ manufactured by Ideatec Advanced Solutions S.L.

All material warranty shall be provided by the manufacturer, and limited by the clauses and conditions of warranty.

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Vibration & Noise Control Specialist

v.01 P. 1/2

Acoustic Ceiling Diffuser

product code: #AD-IT-CD01

[Note 1]

Technical Data Sheet

Physical Information

- Dimension : 600mm x 600mm
- Material : MDF or Hardwood
- Finish : RAL or varnished finish
- Color : Standard Classic Color
- Estimated Weight : 4.7 kg per cube

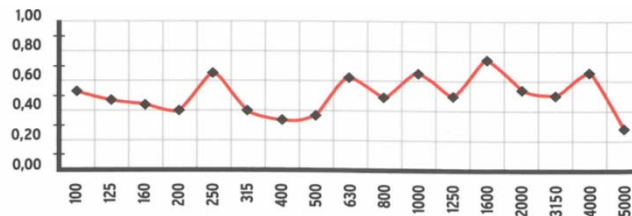
Country of Origin

- Spain

Acoustic Performance

- **Acoustic Reflection** : minimum sound absorption, lower than 0.2 sabins from absorption coefficient. Very high reflection.
- **Acoustic Diffusion** : Due to its design, sound waves hit and reflect evenly.

- Scattering Coefficient



Frequency (Hz)

* Stimulation in Manufacturer Laboratories

Disclaimer:

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories by the Manufacturer (Ideatec Advanced Solutions, S.L.). They are indicative only of the results obtained in such tests, and should not be considered as guaranteed maximums, minimums or any form of performance.

Specification and data are subject to change without notice. Mason Acoustics Limited is not liable for any loss regard to the data and information stated in this literature.

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