

ASI BARREL DIFFUSERS

Description

ASI Barrel Diffusers are designed to balance and distribute sound reverberation evenly throughout designated spaces to provide specific audio control. By dispersing the sound waves, reverberation effects are controlled or tuned to give an area the required audio balance and acoustic ambience.

Recommended Uses

ASI Barrel Diffusers are effective when placed in a ceiling system, hung independently from the building structure, or installed on walls using standard steel corner gussets.

Product Close Up

ASI Barrel Diffusers have several unique features which make them ideal for situations where diffusion of sound is required. The barrel shape and depth has been specifically engineered to provide optimum sound dispersion, the specifically designed edge detail of the Barrel Diffuser makes installation completely concealed and the simplest in the industry. The diffuser is made from a special fire-rated ABS thermo-formed plastic with an aggressive "hair-cell" surface texture providing superior sound reflection qualities.



Variations

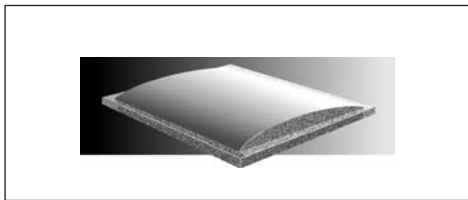
The ASI Barrel Diffuser comes in these standard sizes:

1. 610 mm x 610 mm (24" x 24")
2. 610 mm x 1219 mm (24" x 48")
3. 1219 mm x 1219 mm (48" x 48")

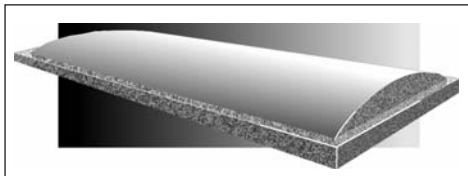
and are base white in color. The Diffusers can be painted using acrylic-based paints without degradation to the acoustic performance. The units can be lined with fabric and/or acoustic fibreglass to give sound absorption in combination with the diffusion. Custom Barrel Diffusers are available to suit specific sound requirements, subject to minimum quantity orders.

Installation

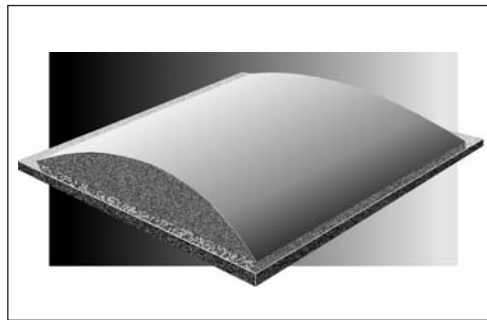
Installation of Barrel Diffusers is simple. When placing in a T-Bar ceiling grid, they are inserted the same way as the tile. On a flush-mount horizontal or vertical surface, the Diffusers are attached using our standard steel gussets. Other installation methods are also available to suit any type of site condition.



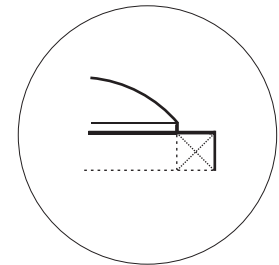
610 mm x 610 mm (24" x 24")



610 mm x 1219 mm (24" x 48")



1219 mm x 1219 mm (48" x 48")



EDGE DETAIL

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