



Specialty Products
and Insulation

Absorption Plus® Pyramidal and Barrel Diffusers

Description

Absorption Plus diffusers are typically used in performance areas, auditoriums and other space to enhance acoustic performance. Diffuser panels scatter and blend sound across a broad frequency spectrum for an improved listening experience. Pyramidal and barrel diffusers are available in a variety of sizes to suit virtually any wall or ceiling application requirement. The durable panels are supplied complete with hardware appropriate for wall or ceiling application. Diffusers are composed of 1/8" thermoformed fire resistant plastic, molded to a special offset pyramidal or one piece barrel shape. The white lightly textured surface provides a pleasing finished appearance. Diffusers are also available fabric wrapped to suit virtually any project requirement. Diffusers can also be supplied with a 1 1/2" fiberglass batt insert to enhance sound absorption.

Features / Benefits

- Diffusers reflect, blend and scatter sound providing an improved listening environment.
- Optional fabric wrapped panels with full finished edges and tailored corners provide enhanced visual impact.
- Standard diffusers are in stock for quick shipment to meet compressed construction schedules.

Availability

Pyramidal Diffuser Sizes:

2' x 2' and 2' x 4' x 8" height and 4' x 4' x 12.5" height

Barrel Diffuser Sizes: (standard height 7")

2' x 2' and 2' x 4'

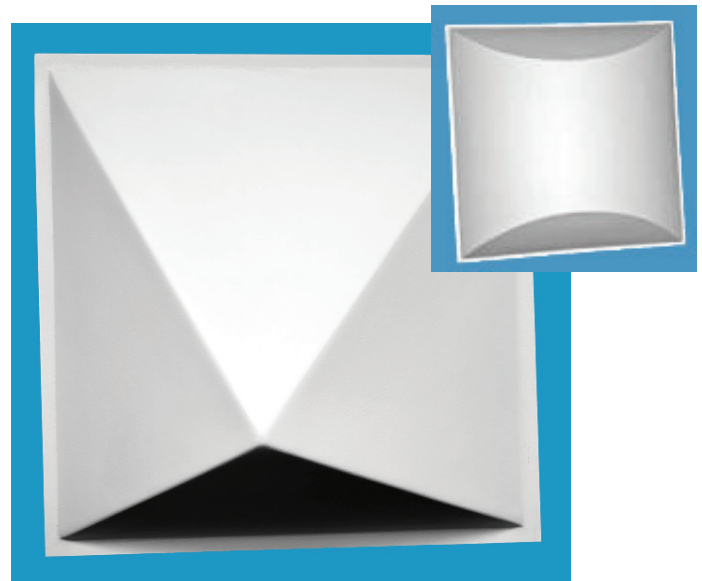
3' x 3'

4' x 2', 4' x 3' and 4' x 4'

Call for special shapes and sizes.

Absorption Plus acoustical panels are available through a network of SPI locations across North America.

Additional product information at www.spi-co.com



Pyramidal and Barrel diffuser with mounting flange to fit standard ceiling grid applications. Both wall and ceiling (non-grid application) diffusers have a straight mounting edge for quick and easy installation with supplied hardware.

Performance Data

Standard Diffuser - 1/8" thick thermoformed fire resistant plastic, molded to a special offset pyramidal and one piece barrel shape.

Components tested per ASTM E84 - Class 1/A rating

Sound Absorption Coefficients, per ASTM C423, Type D5 mounting (5mm airspace)

4' x 4' Pyramidal diffuser (standard texture finish), NRC = .10

4' x 4' Barrel diffuser (standard texture finish, NRC = .10
(Additional data available for fabric wrapped and insulation lined diffusers)

Optional Facings: include 100 % polyester fabric such as Guilford of Maine FR701, and other leading manufacturers.



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For additional information visit
<http://www.spi-co.com>

Please ask your SPI Sales Representative about
other fabrication products and services.