



SPECIALTY PRODUCTS & INSULATION

Absorption Plus® Baffle Panels

Description

Absorption Plus acoustical baffles are composed of a semi-rigid fiberglass core board with a minimum of 25% recycled glass content. Panels are produced with integral mounting points for positive overhead securement. Panel edges are available plain or chemically hardened for greater durability. Acoustical facing materials are bonded to the panel using a low VOC water based adhesive. Standard and optional panel facings are available from a range of industry leading manufacturers. The finished panels enhance interior space acoustics by reducing room reverberation while adding visual impact and interest.

Absorption Plus Features / Benefits

- Superior acoustic performance enhances room acoustics through reduced reverberation.
- Custom fabricated panels provide unlimited size, shape, (geometric and curved capability) thickness and edge detail.
- Full range of fabrics, patterns, colors as well as custom imaging for unique visuals
- Composite panels are Class A fire rated per ASTM E84 providing a fire safe finish materials per code requirements.
- Typical lead time of 2 - 3 weeks provides fast order turnaround for quick, on time project completion.
- Panels ship in durable wood crates, virtually eliminating shipping damage, claims and resulting project delays.
- A variety of mounting options are available to suit application conditions.

Absorption Plus Availability

Absorption Plus Baffles are used in conjunction with Wall, Deck and Cloud, High Impact and Tack Panels.

Standard Panel Sizes: 1 1/2, 2, 3 and 4" thick, up to 4' wide and 10' long

Edge Treatment: Square, Bevel, Chamfer and Radius, plain or chemically hardened

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

Additional product information at www.spi-co.com



Absorption Plus Baffle Panel.

See datasheets for other Absorption Plus products.

Performance Compliance Data

Base Board: Complies to ASTM E84 / UL 723 - Flame Spread 25, Smoke Developed 50, Class A fire rated


SCS Certified - Minimum 25% Recycled Content

Nominal Density - 6 pcf

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

Adhesive: Water based fire retardant, low emitting VOC complying with LEED™ IEQ Credit 4.1

ASTM E84 - Flame Spread 5, Smoke Developed 0 (Properties as reported by manufacturers)

Sound Absorption Coefficients: per ASTM C423, Type J Mounting per ASTM E795 as tested by IAS  Accredited Lab (Composite panel) (2" thick 2' x 4' Baffle Panels)

| Thickness | | Frequency, Hz (M2/Unit) | | | | | |
|-----------------|------|-------------------------|------|-------|-------|-------|-------|
| Inches | (mm) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| 2" | (51) | 0.18 | 0.57 | 1.16 | 1.50 | 1.33 | 1.31 |
| Sabins per Unit | | 1.95 | 6.17 | 12.51 | 16.18 | 14.28 | 14.15 |

Disclaimer and Limitation of Warranty. The purchaser/user is advised to consult with the appropriate professionals and to read the manufacturer's product information to determine the adequacy or appropriateness of the product for the use intended. SPI makes no claim or representation regarding the use or applicability of the products. Further, SPI makes no warranty, expressed or implied, and disclaims all warranties including warranties of merchantability and fitness for a particular purpose.

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

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



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