

The Perfect Solution for Large Volume Spaces

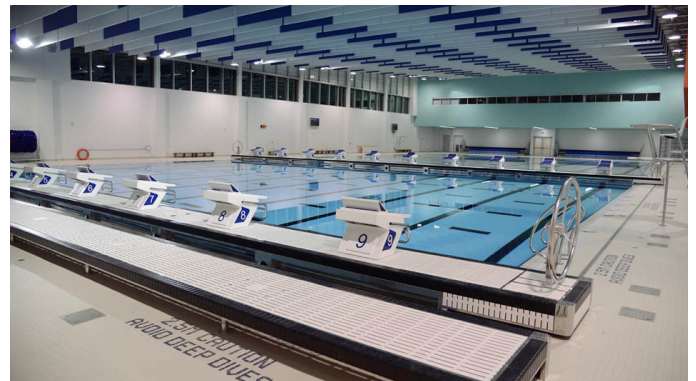
PRODUCT DESCRIPTION

MBI pioneered the original Cloud-Lite® Acoustical Baffle over 50 years ago, and today offers the most complete line of acoustical baffles throughout the industry.

Cloud-Lite Baffles are designed to solve acoustical problems in any large cubic volume space such as arenas, gymnasiums, natatoriums, theaters, restaurants, offices, corridors, kennels, and industrial buildings for OSHA compliance.

Cloud-Lite Baffles are easily suspended from ceilings, bar joists, horizontally stretched cable, or pre-engineered suspension systems. Cloud-Lite Baffles can be arranged to create different architectural effects, depending on the desired end use of the space, and integrate exceptionally well with existing lighting and HVAC systems.

These highly-effective acoustical products are Class A, lightweight, cost-efficient, and easy to install, making them the industry's most practical solution to noise control.



ACOUSTICAL PERFORMANCE

| PRODUCT MODEL | ABSORPTION COEFFICIENT | | | | | | |
|--|----------------------------|------|-------|-------|-------|-------|------|
| | IN SABINS PER 4' x 2' UNIT | | | | | | |
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
| 2600P-2065-GGF (2" x 1.65# Core, PVC Film) | 2.43 | 5.49 | 10.64 | 12.23 | 8.01 | 4.74 | 1.15 |
| 2600P-1515-GGF (1.5" x 1.5# Core, PVC Film) | 2.43 | 4.45 | 8.14 | 10.44 | 7.54 | 4.18 | 1.00 |
| 2800S-2065-GGF (2" x 1.65#, Sailcloth) | 2.08 | 4.77 | 8.31 | 11.46 | 7.81 | 4.56 | 1.00 |
| 2800WS-2065-GGF (2" x 1.65# Core, Bright White Sailcloth) | 2.79 | 7.23 | 11.23 | 14.09 | 7.5 | 4.14 | 0.80 |
| 2600P-4065-S (4", 1.65# Core, PVC Film) | 2.70 | 7.35 | 10.45 | 12.22 | 10.49 | 6.28 | 1.00 |
| 2800F-2060-E (2" x 6-7# Core, Polyester Fabric) | 2.28 | 5.90 | 10.92 | 13.86 | 14.32 | 13.98 | 1.40 |
| 2600P-1030-GGF (1" x 3# Core, PVC Film) | 2.50 | 3.94 | 6.72 | 11.52 | 12.11 | 8.69 | 1.07 |
| 2600VRV-2065-GGF (2" x 1.65# Core, VRV Film) | 2.87 | 5.05 | 10.20 | 11.08 | 6.06 | 3.37 | 1.02 |
| 2600PP-2065-GGF (2" x 1.65# Core, Perf. PVC Film) | 2.74 | 5.94 | 10.84 | 13.86 | 13.45 | 12.36 | 1.38 |

CODES & CERTIFICATES

- ★ Class A per ASTM E84 25/0/50
- ★ NRC 0.80 to 1.40 per ASTM C423-84A & E795
- ★ Integration with sprinkler, lighting, and HVAC systems
- ★ Light Reflectivity .20 to .80 per ASTM C523-68

We believe this information is the best currently available on the subject. It is subject to revision as additional knowledge and experience are gained. MBI makes no guarantee of results and assumes no obligation or liability whatsoever in connection with the use of this information. © 2021 MBI Products Company, Inc.

FOR MORE INFORMATION ON THESE PRODUCTS GO TO WWW.MBIPRODUCTS.COM

MBI Cloud-Lite® Acoustical Baffles

TECHNICAL SUPPORT

- **Weight:** 0.25# - 1.5# per square foot.
- **Densities:** 1.5#, 1.65#, 3#, 6-7#
- **Shape:** Custom geometric shaped panel designs are available.
- **Fire Rating:** Cloud-Lite meets Class A per ASTM E84 25/0/50
- **Dimensional Stability:** Cloud-Lite is dimensionally stable due to the fiberglass core.

SIZES AVAILABLE

- Custom sizes available up to 4' x 10'
- Thickness of 1" through 2"
(Thicker panels available with custom design)
- 1.5", 1.5# baffles available in size 4' x 2' only

FINISHES AVAILABLE

- PVC Film, 2-3 Mil (see color card)
- Sailcloth, Nylon Ripstop (see color card)
- Polyester Fabrics. Other Fabrics, subject to approval
- VRV Industrial / Abuse Resistant Film

ACCESSORIES AVAILABLE

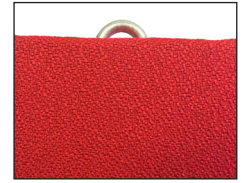
- Factory installed nickel plated brass or non-corrosive, stainless steel grommets for suspension
- Eyescrews for pendant suspension
- Stainless Steel and PVC coated tie wire for connecting baffles to suspension system
- Grid clips for attaching baffles to grid system
- Cable, Crimps, Clamps, and Turnbuckles



Cloud-Lite® Baffle 2600P-2065,
PVC with Grommet in Flap



Cloud-Lite® Baffle 2800S-2065,
Sailcloth with Grommet in Panel



Cloud-Lite Baffle 2800F-2060-E
Guilford Anchorage with Eye hooks

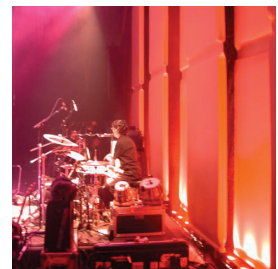
GENERAL NOTES

- Store products in a cool, dry and temperature controlled interior area. Temperatures should not be less than 40°F prior to, during and after installation.
- Store and protect products from the elements and from damage.
- Store products out of direct UV sunlight.
- Sailcloth is not recommended for high humidity or high UV areas.
- Suspension hardware should not be pre-installed. Grommet locations will vary from size to size.
- Due to the nature of this product, some wrinkling and puckering is common and unavoidable.
- Baffles are constructed from a soft and flexible fiberglass core.
- Field cutting is not recommended.
- Before installing baffles, please request copies of installation drawings and details.
- Do not subject acoustical products to critical edge lighting without first consulting manufacturer.

MBI Pocket Panel

The MBI Pocket Panel is a flexible sound absorber. It can be formed around corners or used in a continuous curving pattern, unique to trendy spaces.

It can be manufactured and installed vertically like the Cloud-Lite baffle, or horizontally like our Lapendary Panel.



SOUND | **experience**

PIONEERS IN THE DESIGN AND MANUFACTURING OF ACOUSTICAL PRODUCTS FOR OVER 50 YEARS



Since 1965

INNOVATION FOR THE SOUND EXPERIENCE

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