

The Most Versatile Solution to Noise Control

PRODUCT DESCRIPTION

MBI Spectrum Panels are ideal for ceiling spaces that have electrical, mechanical and fire suppression systems close to the deck. MBI Spectrum Panels are installed directly to the roof deck. They provide excellent absorption when Cloud-Lite Baffles and Lapendary Panels are not a practical solution.

The MBI Spectrum Panel is constructed of a semi-rigid Ecoso® core that is self-supporting and will not sag over time. It can be covered in acoustically transparent PVC Film, Nylon Sailcloth, or VRV Abuse Resistant Film.



ACOUSTICAL PERFORMANCE

PRODUCT MODEL	ABSORPTION COEFFICIENT - TYPE A MOUNTING						
	125	250	500	1000	2000	4000	NRC
2900PS-2065-W (2" x 1.65# Core, Solid PVC)	0.35	0.80	1.19	1.02	0.63	0.32	0.90
2900P-2065-W (2" x 1.65# Core, Perf. PVC)	0.27	0.65	1.06	1.16	1.14	1.12	1.00
2900PS-1030-W (1" x 3# Core, Solid PVC)	0.07	0.31	0.76	1.12	0.68	0.26	0.70
2900P-1030-W (1" x 3# Core, Perf. PVC)	0.08	0.24	0.62	0.92	1.07	1.05	0.70

CODES & CERTIFICATES

- ★ Class A per ASTM E84 25/0/50
- ★ Integration with sprinkler, lighting, and HVAC systems
- ★ Light Reflectivity .20 to .80 per ASTM C523-68

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MBI Spectrum

TECHNICAL SUPPORT

- **Weight:** 0.33# – 0.40# per square foot
- **Densities:** 1.65#, 3#
- **Shape:** Square, Rectangular
- **Fire Rating:** Spectrum meets Class A per ASTM E84 25/0/50
- **Dimensional Stability:** MBI Spectrum is dimensionally stable
- **Maintenance:** Materials selected provide easy maintenance, durability and abuse resistance.

SIZES AVAILABLE

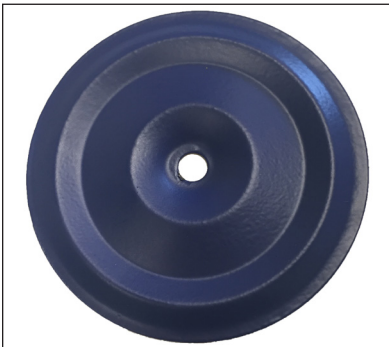
- Custom sizes available up to 4' x 10'
- Thickness of 1" and 2"

FINISHES AVAILABLE

- PVC Film, 2-3 Mil (see color card)
PVC is available solid or perforated.
- Sailcloth, Nylon Ripstop (see color card)
- VRV Industrial / Abuse Resistant Film

ACCESSORIES AVAILABLE

- 3" diameter Washer Plates, painted to match
- Stick Pins and Washers



3" diameter Washer Plate detail



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.
- Due to the nature of this product, some wrinkling and puckering is common and unavoidable.
- Spectrum panels are constructed from a semi-rigid fiberglass core.
- Field cutting is not recommended, but possible with instructions from manufacturer.
- Before installing Spectrum panels, please request copies of installation drawings and details.
- Suspension hardware is not to be pre-installed.
- Do not subject acoustical products to critical edge lighting without first consulting manufacturer.

SOUND | experience

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