

## Guaranteed to Provide Maximum Acoustical Performance

### PRODUCT DESCRIPTION

MBI original Shadow-Coustic® Acoustical Pads are guaranteed to provide maximum acoustical performance. They are available encapsulated in any color PVC or they can simply be faced when optimal sanitary conditions are not necessary. Shadow-Coustic Pads are intended for use with perforated metal ceilings, wood ceilings, or linear paraline ceilings. The combination of cut to size pads and the elimination of plenum painting permits a fast and easy installation that results in earlier building completion dates. Pads are easily removable where it is anticipated that repeated accessibility into the ceiling plenum will be necessary. Thicknesses, densities, and color finishes are limitless. We will manufacture Shadow-Coustic Pads in any way to meet your specific design needs. Our Pads are compression packaged which reduces freight, jobsite storage, and labor requirements.



Shadow-Coustic Acoustic Pad Detail

Let Shadow-Coustic Pads be the cost effective, hassle-free solution to your next project.

### ACOUSTICAL PERFORMANCE

PRODUCT MODEL	ABSORPTION COEFFICIENT - E 400 MOUNTING						
	125	250	500	1000	2000	4000	NRC
1000P-1010-N (1" x 1# Core, 1.8 mil PVC)	0.85	0.85	0.65	0.85	0.86	0.44	0.80
1000P-1015-N (1" x 1.5# Core, 1.8 mil PVC)	0.98	0.83	0.63	0.82	0.89	0.45	0.80
1000P-1515-N (1.5" x 1.5# Core, 1.8 mil PVC)	0.86	0.98	0.81	0.97	0.77	0.52	0.90
1000P-2075-N (2" x 3/4# Core, 1.8 mil PVC)	0.91	0.95	0.89	1.01	0.73	0.52	0.90
1000P-1060-N (1" x 6-7# Core, 2.5 mil PVC)	0.75	0.76	0.72	1.03	0.76	0.38	0.80
Type A Mounting							
1000P-1030-N (1" x 3# Core, 2.5 mil PVC)	0.07	0.31	0.76	1.12	0.68	0.26	0.70

### CODES & CERTIFICATES

- ★ Class A per ASTM E84 25/0/50
- ★ Material will not rot, support mold, pick up odors, corrode metals, or disintegrate under vibration.

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# Shadow-Coustic® Acoustical Pads



Shadow-Coustic® Acoustic Pad Detail



Shadow-Coustic® Seam Detail

## TECHNICAL SUPPORT

- **Weight:** 0.25# - 1.5# per square foot.
- **Densities:** 0.75#, 1#, 1.5#, 1.65#, 3#, 6-7#
- **Shape:** Natural, Square, Rectangular
- **Fire Rating:** Shadow-Coustic meets Class A per ASTM E84 25/0/50
- **Maintenance:** Materials selected provide easy maintenance, durability and abuse resistance.

## SIZES AVAILABLE

- Standard sizes of 24" x 24", 24" x 48", 30" x 30"
- Custom sizes in widths up to 4' and lengths up to 40'
- Thickness of 1" - 6"

## FINISHES AVAILABLE

- 1.8 mil Flat Black PVC
- 2.5 mil Embossed PVC - White, Beige, Gray, Black, Red, Yellow, Blue, Green, Burgundy
- 0.5 mil Clear PVC

## SUSPENSION PROVISIONS

- Placed above metal or planked ceilings by others

## INSTALLATION

- The acoustical system shall be installed only by an approved contractor.
- All work shall be completed in a workman like manner. All panels shall be properly installed and left in a clean, sanitary condition. Contractor shall remove and dispose of shipping containers and debris.
- MBI acoustical panels shall be located and spaced as detailed on reflected ceiling plans and/or detailed on the interior elevation drawings and as indicated on room finish schedule.

## GENERAL NOTES

- Store products in a cool, dry and temperature controlled interior location not less than 40°F prior to, during and after installation.
- Store products out of direct UV sunlight.
- Store and protect products from the elements and from damage.
- Do not subject acoustical products to critical edge lighting without first consulting manufacturer.

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