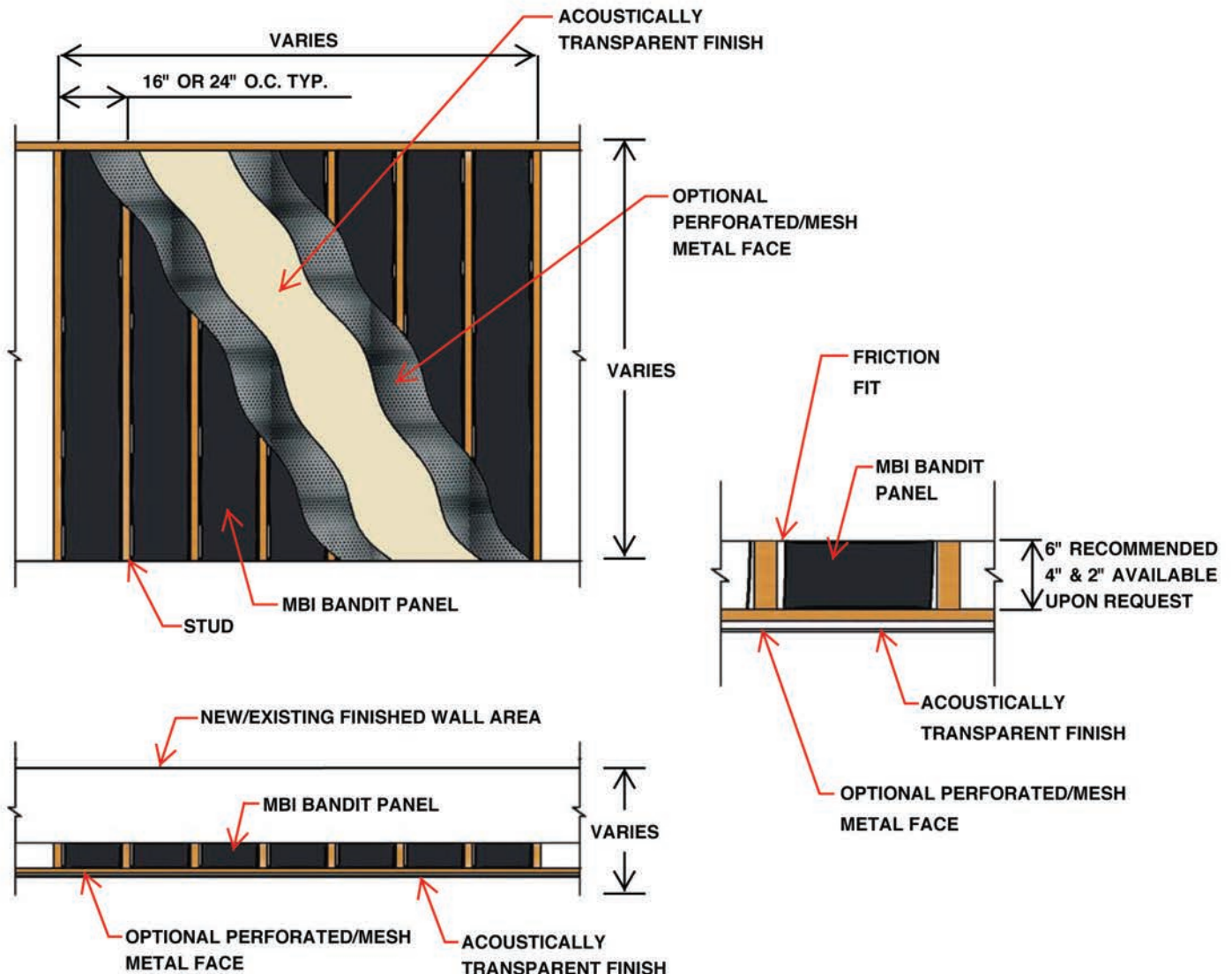


## A Hidden Solution to Noise Control

### PRODUCT DESCRIPTION

MBI Bandit Panels are specifically engineered to solve low-frequency acoustical problems, often found in places of worship. The unique design of the Bandit Panel allows it to absorb sound at the hard to reach low frequencies that other products cannot. The sound engineer can alleviate many of their acoustical problems by incorporating the MBI Bandit Panel in the initial design of the acoustical wall system.

The Bandit Panel is installed between the studs on either 16" or 20" centers. An acoustically transparent face is used as the decorative finish, eliminating the need for drywall. This design significantly reduces costs and enhances the design and performance of the space. Like many of our products, the MBI Bandit Panel system was designed with the collaboration of a Leading Acoustical Consultant.



# MBI Bandit Engineered Wall System

## ACOUSTICAL PERFORMANCE

PRODUCT MODEL	ABSORPTION COEFFICIENT						
	125	250	500	1000	2000	4000	NRC
8000P-2075-F 2" x L.D. Fiberglass, Low Frequency Tuned Vinyl, Friction Fit	0.29	0.57	0.98	0.73	0.45	0.28	0.70
8000P-4075-F 4" x L.D. Fiberglass, Low Frequency Tuned Vinyl, Friction Fit	0.62	0.99	0.98	0.75	0.54	0.26	0.80
8000P-6075-F 6" x L.D. Fiberglass, Low Frequency Tuned Vinyl, Friction Fit	1.17	1.20	1.03	0.86	0.59	0.37	0.90

## CODES & CERTIFICATES

- ★ Class A per ASTM E84 25/0/50
- ★ NRC 0.70 to 0.90 per ASTM C423-02 & E795-00

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

## TECHNICAL SUPPORT

- **Weight:** 0.25# - 0.75# per square foot.
- **Density:** L.D. Fiberglass
- **Shape:** Rectangular, Square
- **Fire Rating:** Class A per ASTM E84 25/0/50
- **Dimensional Stability:** MBI Bandit panels are dimensionally stable.
- **Maintenance:** Materials selected to provide easy maintenance, durability and abuse resistance.

## SIZES AVAILABLE

- Custom widths of 16" or 24"
- Roll Lengths
- Thicknesses of 2", 4" or 6"

## FINISHES AVAILABLE

- Low Frequency Tuned Vinyl, Black only

## ACCESSORIES AVAILABLE

- Friction Fit Suspension by Others

## 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.
- Do not subject acoustical products to critical edge lighting without first consulting manufacturer.
- Due to the nature of this product, some wrinkling and puckering is common and unavoidable.
- Bandit Panels can be field cut with instructions from manufacturer.

## SOUND | experience

PIONEERS IN THE DESIGN AND MANUFACTURING OF ACOUSTICAL PRODUCTS FOR OVER 45 YEARS

In commercial spaces where proper sound management is of critical importance, MBI has been at the forefront of acoustics innovation for over 45 years. In fact, we've designed and manufactured many of the products used today, from Cloud-Lite® Acoustical Baffles to Lapidary® Panels.

MBI acoustical products provide a practical, decorative solution to noise control for all types of buildings, including such large facilities as Arenas and Convention Centers to smaller facilities such as Schools, Churches, Audio/Visual Studios, and Restaurants.



Since 1965

INNOVATION FOR THE SOUND EXPERIENCE

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