

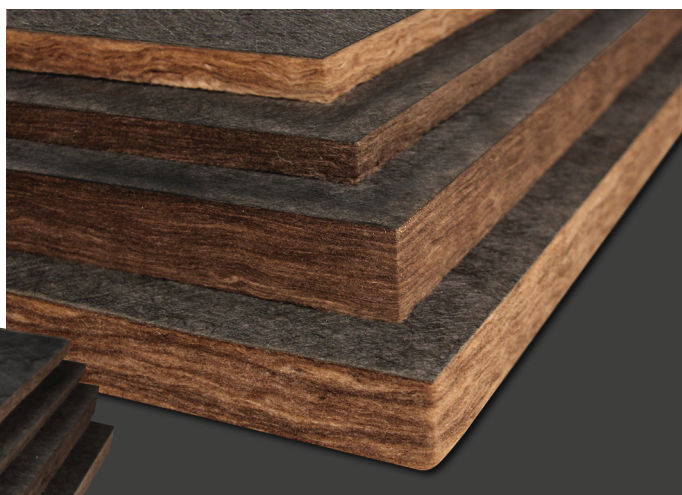
BLACKOUT | THEATER BOARD



Excellent Acoustics and Cost Effective

PRODUCT DESCRIPTION

MBI Theater Board is intended for a space where the client is trying to achieve excellent acoustics while keeping a cost effective budget in mind. Theater Board comes in a wide variety of thicknesses and densities to meet any acoustical need. The matte black finish is non-light reflective and is the ideal application for a blacked out wall or ceiling. Theater Board can be easily installed directly to the roof deck, mounted to the wall, or dropped into a standard lay-in grid system.



Applications

MBI Theater Board is ideal for recording studios, broadcast booths, home theaters, walls of arena bowls and any other application where a blacked out surface with great sound absorption is desirable.

MBI Theater Board is constructed of a rigid, or semi-rigid, Ecosse® core that is self-supporting and will not sag over time. It has a flat, or matte, black fiberglass scrim facing that enhances the sound absorption.

*Ecosse® is a registered trademark of Knau®

ACOUSTICAL PERFORMANCE

PRODUCT MODEL	ABSORPTION COEFFICIENT							R-VALUE
	TYPE A MOUNTING							
	125	250	500	1000	2000	4000	NRC	
1000Tb-1030-O (1" x 3# Core, black matte face)	0.13	0.24	0.56	0.83	0.92	0.98	0.65	4.3
1000Tb-1530-O (1.5" x 3# Core, black matte face)	0.19	0.41	0.89	1.02	1.03	1.04	0.85	6.5
1000Tb-2030-O (2" x 3# Core, black matte face)	0.33	0.67	1.07	1.07	1.03	1.06	0.95	8.7
1000Tb-1015-O (1" x 1.5#, black matte face)	0.18	0.36	0.59	0.86	0.95	0.90	0.70	4.2
1000Tb-2015-O (2" x 1.5#, black matte face)	0.34	0.64	0.96	1.03	1.00	1.03	0.90	8.0
	E-400 MOUNTING							
1000Tb-1060-O (1" x 6# Core, Black matte face)	0.78	1.07	0.87	1.04	1.12	1.15	1.05	4.4

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. ©Copyright 2016 MBI Products Company, Inc.

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

MBI Blackout Theater Board

FEATURES AND BENEFITS

- Indoor Air Quality: Certified as a low emitting product (ask for more information)
- Acoustical Barrier: reduces airborne sound

TECHNICAL SUPPORT

- **Weight:** 0.33# – 0.70# per square foot.
- **Densities:** 1.5#, 3#, 6-7#.
- **Shape:** Square, Rectangular.
- **Fire Rating:** Class A per ASTM E84 25/0/50, CAN/ULC S102-M88, NFPA 255 and UL 723
- **Dimensional Stability:** MBI Theater Board is dimensionally stable.
- **Maintenance:** Materials selected provide easy maintenance, durability and abuse resistance.
- **Service Temperature:** (ASTM C 411) Maximum 250° (121C°).
- **Microbial Growth:** (ASTM C 1338, G21, G22) does not support microbial growth.
- **Water Vapor Sorption (ASTM C 1104)** less than 3% by weight.
- **Air Velocity (ASTM C 1071)** Maximum 4000-6000 fpm (1219-1829 mpm)

SIZES AVAILABLE

- 4' X 2', 4' X 8', 4' X Roll Lengths
- Thickness of 1", 1.5", 2"

FINISHES AVAILABLE

- Black Matte Facing

ACCESSORIES AVAILABLE

- 3" diameter washer plates
- Stick Pins and washers



GENERAL NOTES

- This product is not intended for spaces where ceiling is highly visible due to critical edge lighting, uplighting & natural light as it may show variances in color & texture.
- Store products in a cool, dry and temperature controlled interior location not 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.
- Field cutting is possible with instructions from manufacturer.
- Suspension hardware is not to be pre-installed.
- Do not subject acoustical products to critical edge lighting without first consulting manufacturer.

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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