

## DESCRIPTION

Whispertone® Black Acoustical Board is made with inorganic glass fibers and a thermosetting resin to produce a structurally rigid board. The core fiberglass board is black, and a black mat facing is added to the top surface.

This product provides excellent sound absorption and reduces sound reverberation. It is ideal for use in theaters, auditoriums and restaurants.

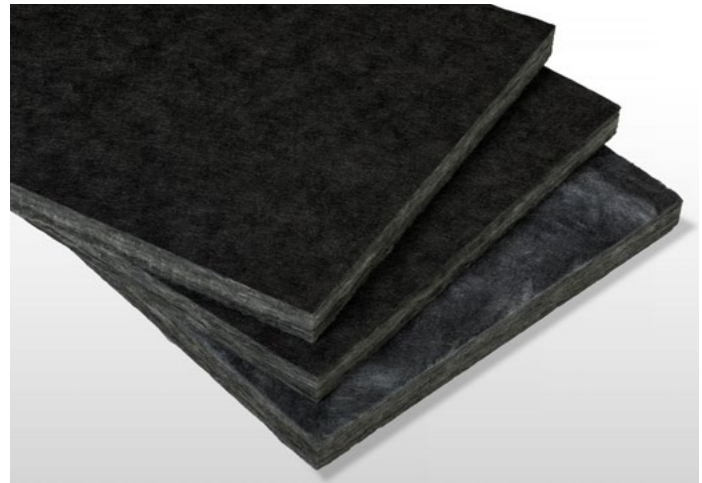
## CUSTOM FABRICATION

The Johns Manville nationwide network of Approved Fabricators specializes in secondary processing to supply custom parts to meet specific customer requirements. Die-cutting, laminating, special packaging and just-in-time delivery are just a few of the multiple capabilities our fabricators can provide.

## STANDARD THICKNESSES & DENSITIES

### Black Mat Faced

Density		Thickness		Width		Length	
pcf	kg/m <sup>3</sup>	in	mm	in	mm	in	mm
3.0	48.1	1	25	48	1219	96	2438
		2	51				
6.0	96.1	1	25	48	1219	96	2438
		2	51				



## SPECIFICATIONS

Temperature Limit	250°F (121°C)
Fire Hazard Classification ASTM E84, UL 723, and CAN/ ULC S102, Meets NFPA 90A and 90B	25 Flame Spread 50 Smoke Developed
Facings	Evalith® Fiberglass Mat

## APPLICATIONS

- Commercial Movie Theaters
- Home Theaters and Media Rooms
- Restaurants
- Performing Arts Centers
- Ceiling and Wall Panels

## ADVANTAGES

- Excellent acoustical performance
- Excellent sound absorption (NRC up to 1.0)
- Reduced light reflection
- Durable
- Excellent dimensional stability
- Moisture and fungi resistance
- Easy handling and fabrication

**ACOUSTICAL PERFORMANCE**

Type "A" Mounting Sound Absorption Coefficients\*

Density		Thickness		Frequency (Hz)						
pcf	kg/m <sup>3</sup>	in	mm	125	250	500	1000	2000	4000	NRC**
3.0	48.1	1	25	0.09	0.24	0.63	0.84	0.95	1.01	0.70
3.0	48.1	2	51	0.12	0.67	1.01	1.06	1.06	1.05	0.95
6.0	96.1	1	25	0.14	0.24	0.71	1.00	1.01	0.96	0.75
6.0	96.1	2	51	0.27	0.86	1.18	1.11	1.01	1.00	1.05

\*Tested in accordance with ASTM C423, Type "A" mounting per ASTM E795.

\*\*Noise Reduction Coefficient.



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Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of Whisperstone Wallboard listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

**All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit [www2.jm.com/terms-conditions](http://www2.jm.com/terms-conditions) or call (800) 654-3103.**