

DESCRIPTION

Whispertone® Wallboard is manufactured from fine, rotary-process, borosilicate glass fibers bonded with a special thermosetting resin to produce a structurally rigid board-type insulation. The top surface is smooth and uniform in color. Whispertone Wallboard can be produced plain, with a top facing only or, in some sizes, faced on both the top and bottom. FSK can be adhered to the bottom side only. The countless air spaces in Whispertone Wallboard create effective sound absorption as well as thermal properties. Perceived noise from air movement and mechanical equipment is noticeably reduced.

AVAILABLE FORMS

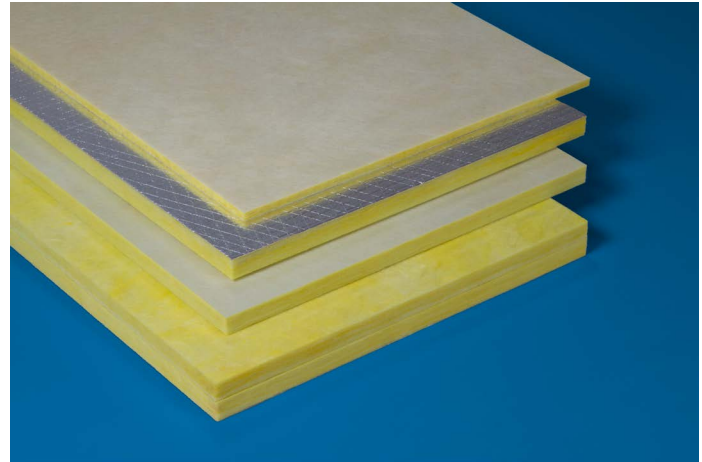
Whispertone Wallboard is available plain, faced, and double-faced in a variety of densities, thicknesses, widths and lengths.

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

Density		Thickness		Width		Length	
pcf	kg/m³	in	mm	in	mm	in	mm
Plain and Faced							
2.5-6.0	40-96	5/8-4	16-102	48-72	1219-1829	48-121	1219-3073
Double-faced							
5.0	80	0.46, 0.50	12, 13	60-72	1524-1829	54-121	1372-3073



SPECIFICATIONS

Temperature Limit	250°F (121°C)
Fire Hazard Classification ASTM E84, UL 723, and CAN/ ULC S102-M88, Meets NFPA 90A and 90B	25 Flame Spread 50 Smoke Developed
Facings	Evalith™ Fiberglass Mat

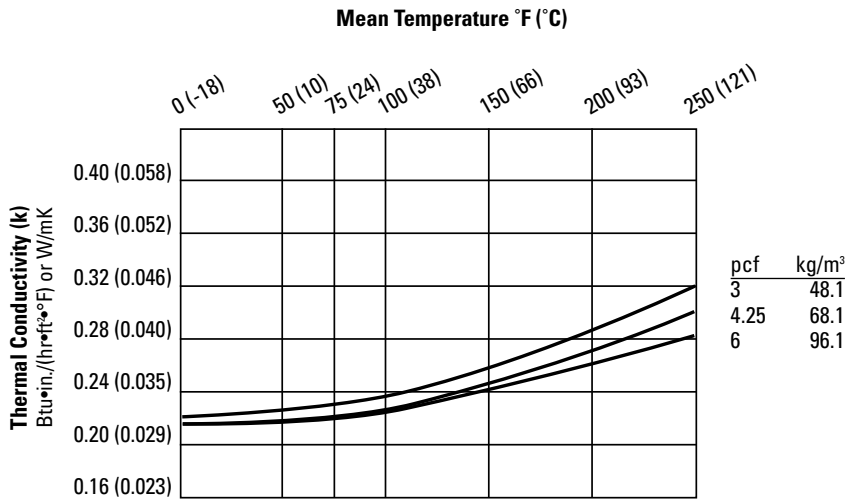
APPLICATIONS

- Office Partitions
- Ceiling Panels
- Wall Panel Applications
- HVAC Equipment

ADVANTAGES

- Excellent acoustical performance
- High tensile strength
- Uniform density distribution
- Excellent dimensional stability
- Moisture and fungi resistance
- Easy handling and fabrication
- Puncture resistance

THERMAL CONDUCTIVITY (K)



ACOUSTICAL PERFORMANCE

Type "A" Mounting Sound Absorption Coefficients*

Density		Thickness		Frequency (Hz)						
pcf	kg/m³	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
4.0	64.0	1	25	0.04	0.22	0.65	0.91	0.99	1.05	0.70
5.0	80.1	0.46	12	0.00	0.00	0.22	0.49	0.78	1.11	0.35
6.0	96.1	1	25	0.04	0.22	0.72	0.97	1.08	1.07	0.80
6.0	96.1	2	51	0.21	0.78	1.04	1.07	1.06	1.04	1.00

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

**Noise Reduction Coefficient.



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**INSULATION SYSTEMS
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800-426-2435

**PRODUCT & TECHNICAL
INFORMATION**

800-654-3103

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 or call (800) 654-3103.