

Whispertone® Wallboard
Acoustical Panel Insulation

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.

Applications

Whispertone Wallboard can be used for office partitions, ceiling panels, wall panel applications and HVAC equipment.

Advantages

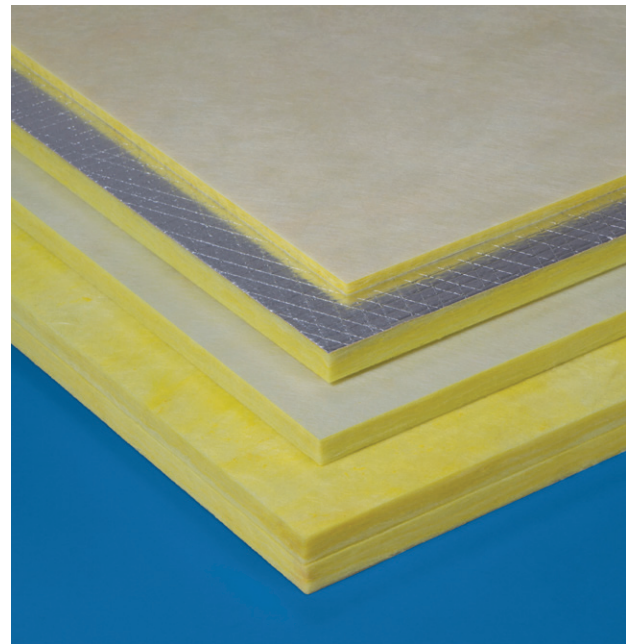
- Excellent acoustical performance
- High tensile strength
- Uniform density distribution
- Excellent dimensional stability
- Moisture and fungi resistance
- Easy handling and fabrication
- Puncture resistance

Custom Fabrication

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

Specifications

Property	Test Method	Whispertone Wallboard
Temperature Limit	–	Up to 250°F (121°C)
Fire Hazard Classification	ASTM E84 and UL 723 and CAN/ULC S102-M88. Meets NFPA 90A and 90B.	25/50



Available Forms

Whispertone Wallboard is available in a variety of densities, thicknesses, widths and lengths.

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Whispertone Wallboard – Acoustical Performance

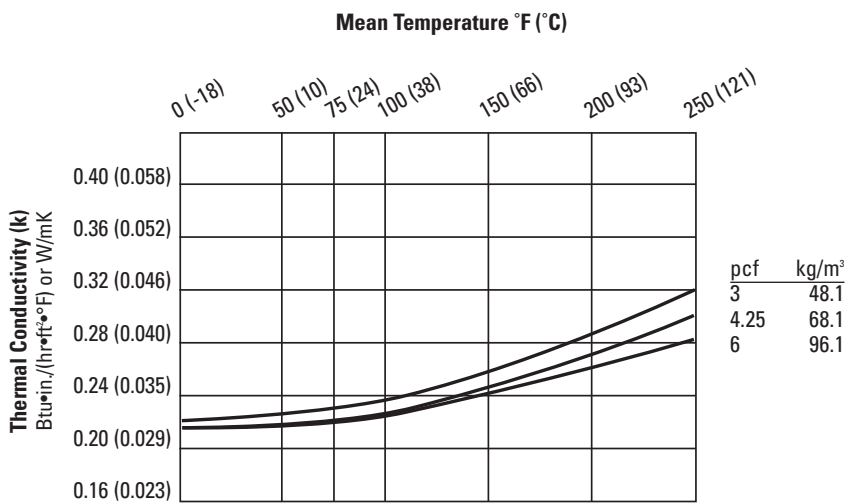
Type “A” Mounting Sound Absorption Coefficients*

Density		Thicknesses		Frequency, Hz							NRC**
pcf	kg/m ³	in.	mm	125	250	500	1000	2000	4000		
3.0	48.1	1	25	0.09	0.24	0.63	0.84	0.95	1.01	0.65	
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	11.7	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	0.75	
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.

**Noise reduction coefficient.

Thermal Conductivity (k)



OEM Insulation Systems Customer Service: (800) 426-2435 **Product and Technical Information:** (800) 654-3103

The physical and chemical properties of Whispertone® 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. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you to ensure current information. All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions including Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions, Limited Warranty and Limitation of Remedy, and information on other Johns Manville thermal insulations and systems, visit our website at JM.com or call **1-800-654-3103** | 717 17th Street Denver, CO 80202

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