



Johns Manville

Performance Materials

Whispertone® Wallboard

formaldehyde-free **XG**

Whispertone® Wallboard XG™, naturally white and formaldehyde-free, is manufactured from fine, rotary-process 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 and can be produced either plain or with a Dura-Glass® mat facing.

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

The Advantages of Using Whispertone

Wallboard XG. The borosilicate glass fibers that make up Whispertone Wallboard XG are incombustible and non-hygroscopic. Whispertone Wallboard XG does not support fungi or vermin. It is also unaffected by oil, grease, and most acids.

Because of its resiliency and flexibility, Whispertone Wallboard XG resists settling, breakdown, sagging from vibration, and damage from impact.

The countless air spaces in Whispertone Wallboard XG create effective sound absorption as well as thermal properties. Perceived noise from air movement and mechanical equipment is noticeably reduced.



Insulation Properties:

- **Excellent Acoustical Performance**
- **High Tensile Strength**
- **Uniform Density Distribution**
- **Excellent Dimensional Stability**
- **Readily Fabricated**
- **Puncture Resistance**
- **Uniform Color**
- **Uniform Surface**

Specifications

■ Temperature Limit:

250° F (121° C)

■ Fire Hazard Classification:

25/50 (per ASTM E 84 and UL 723 and CAN/ULC S102-M88).

Labels supplied when requested on order.

Meets NFPA 90A and 90B.

■ Facings:

Dura-Glass® fiber glass mat

■ Fabricated Products:

Johns Manville Whispertone® Wallboard XG™ is manufactured to specific customer width requirements. Contact your Johns Manville sales representative for details. Die-cut or fabricated pieces are generally supplied by one of the strategically-located Johns Manville fabricators, who are specially equipped to provide prompt service to manufacturers in their area.

■ For Information

Write Johns Manville Product Information Center, P.O. Box 5108, Denver, Colorado 80217-5108, or call toll-free 1-800-654-3103 (outside Colorado); (303) 978-4900 (inside Colorado).

■ Limited Warranty

All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy, write to:

Johns Manville Product Information Center
P.O. Box 5108
Denver, CO 80217-5108

or call toll free: 1-800-654-3103 or contact your local Johns Manville sales representative.

■ CA Prop 65

Passes <40 µg/day (<20 ppb)

■ State of WA

ASTM D-5116-97, ASTM D-6670-01

Passes <50 ppb

Whispertone Wallboard XG - General Properties

Composite Density:	2.5 pcf to 6.0 pcf (156 g/cc to 374 g/cc)
Available Thicknesses:	5/8" (0.625") to 2.0" (16 mm to 51 mm)
Glass Mat Facer:	Dura-Glass®
Mold Growth (per ASTM C 655):	None
Width Combinations:	48" to 72" (1219 mm to 1829 mm)

Whispertone Wallboard XG - Acoustical Performance

Type "A" Mounting Sound Absorption Coefficients*

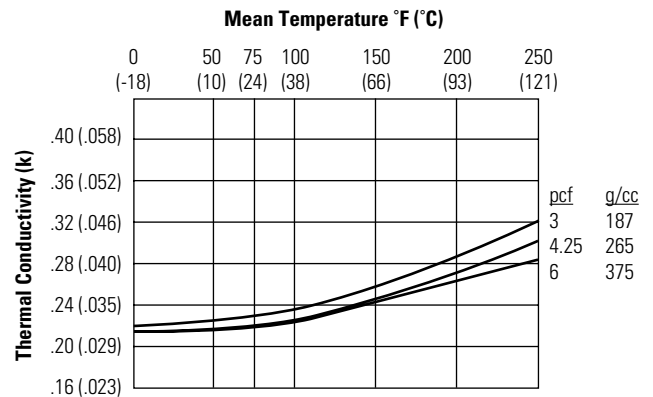
Density pcf	kg/m ³	Thicknesses		Frequency (Hz)							
		inches	mm	125	250	500	1000	2000	4000	NRC**	
3.0	48.1	1	25	0.06	0.24	0.64	0.90	0.99	1.01	1.01	0.70
4.0	64.0	1	25	0.05	0.24	0.63	0.92	1.01	1.02	1.02	0.70
6.0	96.1	1	25	0.08	0.31	0.78	1.00	1.03	1.02	1.02	0.80
6.0	96.1	2	50	0.21	0.78	1.04	1.07	1.06	1.04	1.04	1.00

*Tested in accordance with ASTM C 423

**Noise Reduction Coefficient

Whispertone Wallboard XG - Thermal Conductivity (k)

Btu•in./hr.•ft.²•°F W/mK



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Internet: www.jm.com

The physical and chemical properties of Johns Manville Whispertone Wallboard XG represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with your Johns Manville regional office to obtain current information.