



Johns Manville

OEM Insulation

Whispertone® Tackboard

Office Partition Insulation

Description

Whispertone® Tackboard is a fiber glass board made from highly resistant flame-attenuated glass fibers with mat facers on one or both surfaces. The top mat surface is smooth and uniform in color and provides a tackable surface for acoustical office furniture and wall panel applications. This product offers uniform thickness, rigidity, color and smoothness.

Acoustical Panel and Office Furniture Applications

Whispertone Tackboard insulation is used in a variety of acoustical and office furniture applications that require high acoustical efficiency in minimal space. Ease of fabrication, high tensile strength and resilience, lightweight and resistance to vibration and shakedown are additional qualities.

The Advantages of Using Whispertone Tackboard

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

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

The countless air spaces in Whispertone Tackboard create effective sound absorption.

Available Forms

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

Custom Fabrication

In addition, a Johns Manville Approved Fabricator can develop and apply custom facings as well as fabricated panels to meet your specific service conditions and performance requirements.

Specifications

Temperature Limit: 250°F (121°C)

Fire Hazard Classification: 25/50 Flame Spread/Smoke Developed Ratings (per ASTM E84, 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 Tackboard 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.

Applications

- Wallboards
- Tackboards
- Acoustical Partitions
- Appliances
- Other Tackable Uses

Properties

- Excellent Acoustical Performance
- Uniform Density Distribution
- Excellent Dimensional Stability
- Readily Fabricated
- Smooth Surface
- Uniform Color

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General Properties*

Core Density	2.5 pcf to 6.0 pcf	40 kg/m ³ to 96.1 kg/m ³
Thickness	0.25" to 0.625" (5/8")	6mm to 16mm
Facer	Dura-Glass Mat	
Width Combination	48"– 72"	1,219 mm to 1,829 mm

*For sizes outside these ranges, please contact your JM territory manager.

Acoustical Performance

Sound Absorption Coefficients*

Type "A" Mounting

Density		Thickness		Frequency (Hz)						
pcf	kg/m ³	inches	mm	125	250	500	1000	2000	4000	NRC**
2.5	40.0	0.55	14	0.00	0.00	0.32	0.53	0.70	0.85	0.45
3.0	48.1	0.50	13	0.03	0.08	0.26	0.55	0.75	0.92	0.40
4.2	67.3	0.30	7.6	0.02	0.05	0.13	0.30	0.47	0.62	0.25
4.75	76.1	0.5625	14	0.04	0.06	0.26	0.61	0.85	1.00	0.45
5.5	88.1	0.46	11.7	0.00	0.07	0.21	0.51	0.77	0.90	0.40
6.0	96.1	0.25	6.4	0.00	0.02	0.09	0.27	0.52	0.73	0.25

*Tested in accordance with ASTM C423 and ASTM E795.

**Noise reduction coefficient.



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

The physical and chemical properties of Whispertone® Tackboard fiber glass equipment insulation 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

El-19 8/13 (Replaces 7/04)

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JMDEM1300300N