



ACOUSTICAL
Sound Solutions for Over 35 Years

SURFACES INC.

Soundproofing | Acoustics | Noise & Vibration Control



Core Make-up for Noise S.T.O.P. Fabrisorb™

Whispertone® Tackboard
Office Partition Insulation

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 incombustible 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. In addition to Whispertone Tackboard that is manufactured by an oven process, JM also makes molded Tackboard for densities above 6 pcf.

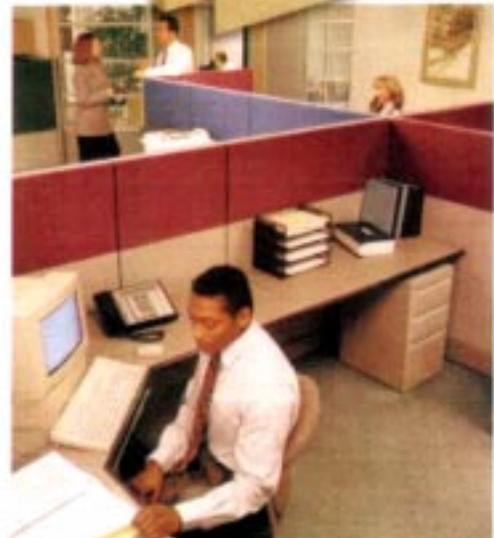
Custom Fabrication. In addition, a Johns Manville Approved Fabricator can develop and apply custom facings as well as fabricated panels to meet your specific service conditions and performance requirements.

Applications:

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

Insulation Properties:

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



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Whispertone® Tackboard

Office Partition Insulation

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.
- **Facings**
Dura-Glass® fiber glass mat

General Properties

Composite Density:*	2.5 pcf to 6.0 pcf	40 kg/m ³ to 96.1 kg/m ³
Available Thicknesses:*	0.25" 0.625" (5/8")	6mm to 16mm
Facer:	Dura-Glass Mat	
Width Combination:	48" – 72"	1219 mm to 1829 mm

Acoustical Performance

Type "A" Mounting Sound Absorption Coefficients*

Density		Thickness		Frequency (Hz)							NRC**
pcf	kg/m ³	Inches	mm	125	250	500	1000	2000	4000		
2.5	40.0	0.55	14	0.00	0.15	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 C 423 and ASTM E 795

**Noise Reduction Coefficient