Johns Manville
A Berkshire Hathaway Company

OEM INSULATION

WHISPERTONE® MICROMAT®

OFFICE PARTITION INSULATION

DATA SHEET

DESCRIPTION

Whispertone® Tackboard is a fiberglass 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.

Whispertone Micromat insulation is specifically engineered for use in acoustical panel and office furniture applications that require an efficient sound-absorbing medium with uniform color and thickness. Additional qualities include ease of fabrication, high tensile strength and resilience, light weight and resistance to vibration and shakedown.

The high tensile strength, inherent in Whispertone Micromat blankets, helps the product resist damage during application. Because of their resiliency and flexibility, Whispertone Micromat blankets resist settling, breakdown, sagging from vibration and damage from impact.

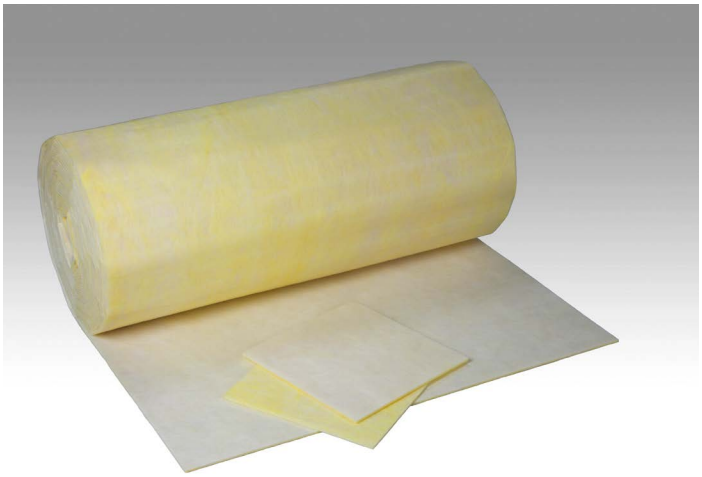
Whispertone Micromat can be easily formed around corners and curved surfaces, and it is readily cut in die-cut presses or with a knife. The countless air spaces in Whispertone Micromat create effective sound absorption, as well as thermal properties.

STANDARD THICKNESSES AND DENSITIES

Core Density		Thickness	
pcf	kg/m^3	in	mm
1.8 - 2.0	29 - 32	¼ - 1.0	6 - 25

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.



SPECIFICATIONS

Temperature Limit	250°F (121°C)
Fire Hazard Classification ASTM E84, UL 723, and CAN/ ULC S102, Meets NFPA 90A and 90B	25 Flame Spread 50 Smoke Developed
Facings	Evalith™ fiberglass mat
Resistance to Microbial Growth	Meets ASTM C1338, G21 and G22 as required in ASTM C1071

APPLICATIONS

- Acoustical Panels
- Acoustical Partitions
- Other Acoustical Uses

ADVANTAGES

- Excellent Acoustical Performance
- High Tensile Strength
- Uniform Density Distribution
- Excellent Dimensional Uniformity
- Readily Fabricated

WHISPERTONE® MICROMAT®

OFFICE PARTITION INSULATION

DATA SHEET

THERMAL CONDUCTIVITY

Density		Mean Temp. @ 75°F (24°C)	
lb/ft³	kg/m³	Btu•in/(hr•ft²•°F)	W/m•°C
1.8	28.8	0.24	0.034
2.0	32.0	0.225	0.032

ACOUSTICAL PERFORMANCE

Type "A" Mounting Sound Absorption Coefficients*

Density		Thicknesses		Frequency (Hz)						
pcf	kg/m³	in	mm	125	250	500	1000	2000	4000	NRC**
2.0	32	0.25	6.35	0.00	0.06	0.11	0.29	0.49	0.65	0.25
1.8	29	0.50	13	0.03	0.13	0.28	0.53	0.71	0.85	0.40
1.8	29	1.00	25	0.07	0.27	0.64	0.86	0.97	1.00	0.70

*Tested in accordance with ASTM C423, Type “A” mounting per ASTM E795.
**Noise reduction coefficient.

Johns Manville

717 17th St.
Denver, CO 80202
(800) 654-3103
JM.com

INSULATION SYSTEMS
OEM INSULATION

OEM CUSTOMER SERVICE
800-426-2435

PRODUCT & TECHNICAL INFORMATION
800-654-3103

08/26/20 (Replaces 11/28/18)