

DESCRIPTION

GoBoard® is an ultra-lightweight yet durable, waterproof thermal insulation board made of a high density, rigid polyisocyanurate core and coated glass mat facer.

APPLICATIONS

- Office Panels
- Office Partitions
- HVAC Equipment

ADVANTAGES

- Light weight
- Excellent thermal performance
- Excellent dimensional stability
- Waterproof
- Easy handling and fabrication

AVAILABLE FORMS & SIZES

3' x 5' and 4' x 8' in ¼" or ½" thickness

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.



SPECIFICATION COMPLIANCE

Property	Test Method	¼"	½"
Board Weight (lbs/ft ²)		0.4	0.5
Density (lbs/ft ³)		18.5	12
R-Value (°F • ft ² • hr/BTU)	ASTM C518	1.2	2.3
Thermal Conductivity (BTU • in/(hr • ft ² • °F))	ASTM C518	0.22	0.22
Compressive Strength (avg. psi)	ASTM D2394	250	200
Surface Burning Characteristics	ASTM E84	Class B	Class B
Moisture Movement (%)	ASTM D1037	<0.07	<0.07
Waterproof	ASTM D4068	Pass ¹	Pass ¹
WVT Permeance (perms)	ASTM E96	<1	<1
Resistance to Fungi / Bacteria	ASTM G21/G22	No Growth	No Growth
Temperature Limit (°F/°C)		250/121	250/121

¹ ANSI A118.10 certified

ACOUSTICAL PERFORMANCE

Type "A" Mounting Sound Absorption Coefficients*

Density		Thickness		Frequency (Hz)							
pcf	kg/m ³	in	mm	125	250	500	1000	2000	4000	5000	NRC**
18.5	296	0.25	6	0.01	0.02	0.02	0.09	0.20	0.08	0.10	0.10
12.0	192	0.50	13	0.02	0.01	0.03	0.16	0.15	0.11	0.13	0.10

*Tested in accordance with ASTM C423, Type "A" mounting per ASTM E795.

**Noise Reduction Coefficient.



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**INSULATION SYSTEMS
OEM INSULATION**

OEM CUSTOMER SERVICE
800-426-2435

**PRODUCT & TECHNICAL
INFORMATION**

800-654-3103

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of InsulThin HT 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. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit www.jm.com/terms-conditions or call (800) 654-3103.