

DESCRIPTION

Equipment Spin-Glas® Board is a rigid board manufactured from fine, rotary-process glass fibers bonded with a thermosetting resin.

Because the glass fibers in Equipment Spin-Glas Board are extremely fine, they create an enormous number of minute air spaces, making the insulation highly effective for sound absorption and thermal properties.

These glass fibers are resistant to the effects of moisture, oil, grease and most acids. Because these fibers are highly resilient, they resist settling, breakdown or sagging from vibration. They yield readily to impact and protect facings from puncture or tearing.

Equipment Spin-Glas Board provides neat, square corners for an improved, finished appearance for equipment systems.

The inherent physical properties of Equipment Spin-Glas Board assure ease of application. It can be readily cut with a knife and secured with mechanical fasteners or adhesives. It can be firmly bonded to metals, plastic or other materials with commercial adhesives or mechanical fastening devices.

STANDARD THICKNESSES & DENSITIES

Equipment Spin-Glas Board is available plain, with a black acrylic coating, or with an FSK Facing. For product availability, reference table on next page.

CUSTOM FABRICATIONS

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	450°F (232°C) (unfaced) Faced surface should not exceed 150°F (66°C)
Fire Hazard Classification ASTM E84, UL 723, and CAN/ ULC S102-M88, Meets NFPA 90A and 90B	25 Flame Spread 50 Smoke Developed
Facings	FSK (foil/scrim/kraft)
Coating	Black Acrylic Coating (maximum rated air velocity is 5,000 fpm [25.4 m/sec])
Moisture Sorption	Less than 5.0% by weight
Alkalinity	Less than 0.6% expressed as Na ₂ O
Corrosivity	Does not accelerate (With steel, copper or aluminum)
Odor	None
Capillarity (after 24 hours)	Negligible
Shrinkage	None
Resistance to Fungi and Bacteria	Does not breed or promote

APPLICATIONS

- Office Partitions
- Ceiling Panels
- Wall Panels
- HVAC Equipment

ADVANTAGES

- Excellent Thermal Efficiency
- Excellent Acoustical Performance
- Easy to Fabricate
- Easy to Handle and Install



THERMAL CONDUCTIVITY (K) PER ASTM C518

Density		Mean Temp. @ 75°F (24°C)	
pcf	kg/m ³	Btu•in/(hr•ft ² •°F)	W/m•°C
3.00	48	0.23	0.033
4.25	68	0.23	0.033
6.00	96	0.23	0.033

ACOUSTICAL PERFORMANCE

Type "A" Mounting Sound Absorption Coefficients*

Density		Thicknesses		Frequency (Hz)						
pcf	kg/m ³	in	mm	125	250	500	1000	2000	4000	NRC**
3.00	48	1	25	0.06	0.26	0.61	0.86	0.99	1.03	0.70
3.00	48	2	51	0.17	0.80	1.16	1.15	1.11	1.10	1.05
4.25	68	1	25	0.03	0.32	0.80	1.04	1.05	1.05	0.80
4.25	68	2	51	0.27	0.91	1.11	1.09	1.09	1.09	1.05
6.00	96	1	25	0.10	0.35	0.85	1.04	1.05	1.03	0.80
6.00	96	2	51	0.38	0.93	1.10	1.07	1.07	1.07	1.05

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

**Noise reduction coefficient.

PRODUCT AVAILABILITY

Cleburne Plant

Density (pcf)	Thickness (in)	Width (in)	Length (in)
3	1, 2½, 4	24-96 in ½ inch increments and combinations of widths must equal 96	48, 96, 122
	1½, 3		48, 96, 120
	2, 3½		48, 96, 121
4.25	⅝, 1½		48, 96, 120
	¾, 2		48, 96, 121
	1		48, 96, 122
6	⅝, 1½		48, 96, 120
	¾, 2		48, 96, 121
	1		48, 96, 122

Defiance Plant

Density (pcf)	Thickness (in)	Width (in)	Length (in)	
3	⅝	48	54 (min)	
		50	52 (min)	
		52	50 (min)	
		54, 56, 58, 60, 62, 64, 66, 68, 70, 72,	48 Min	
		48	54 (min)	
		50	52 (min)	
	¾	52	50 (min)	
		54, 56, 58, 60, 62, 64, 66, 68, 70, 72,	48 Min	
		1, 1½, 2, 2½, 3, 3½, 4	24-72 in ½" increments and combinations of widths must equal between 48-72	48-121 in 1" increments
		4.25	⅝, ¾, 1, 1½, 2, 2½	
		6	⅝, ¾, 1, 1½, 2	



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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 Equipment SpinGlas Board 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 www2.jm.com/terms-conditions or call (800) 654-3103.