DESCRIPTION

Decrabrite[™] XG

Decrabrite[™] XG is a translucent white Formaldehyde-free[™], lightweight, 0.50 pcf (8.0 kg/m3) and 0.55 pcf (8.8 kg/m3), fiber glass blanket designed for use as a thermal and acoustical blanket. Its white coloring and light weight make it ideal for use in applications requiring semi-transparency for light diffusion.

Decrabrite[™] XG WR

Decrabrite[™] XG WR is an extension of the Decrabrite[™] XG product line where moisture control is needed. It contains an additive to provide water repellency in applications where moisture condensation may occur. Decrabrite[™] XG WR contains all the other attributes of Decrabrite XG and is available in 0.50 pcf (8.0 kg/m3).

USES

RB

As a result of their semi-transparency, Decrabrite[™] XG and Decrabrite[™] XG WR are specifically designed for skylights, lightdiffusing architectural panels and other applications that require a Formaldehyde-free[™] product.



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DECRABRITE[™] XG AND DECRABRITE[™] XG WR

FORMALDEHYDE-FREE™ THERMAL AND ACOUSTICAL INSULATION

DATA SHEET

THERMAL CONDUCTIVITY (ASTM C518)

Den	sity	75°F (24°C) Mean Temperature				
pcf	kg/m³	Btu•in/(hr•ft [*] •°F)	W/m∙°K			
0.50	8.0	0.31	0.044			
0.55	8.8	0.30	0.043			

ACOUSTICAL PERFORMANCE

Type "A" Mounting Sound Absorption Coefficients*

Density		Thickness		Frequency (Hz)							
pcf	kg/m³	in	mm	125	250	500	1000	2000	4000	NRC**	
0.55	8.81	1⁄2	13	0.06	0.16	0.32	0.47	0.57	0.69	0.40	
0.55	8.81	3⁄4	19	0.10	0.25	0.45	0.61	0.73	0.83	0.50	
0.55	8.81	11/8	29	0.14	0.38	0.63	0.80	0.83	0.90	0.65	

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

**Noise Reduction Coef cient.

INSULATION SYSTEMS OEM INSULATION

OEM CUSTOMER SERVICE

Johns Manville

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

800-654-3103

800-426-2435

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 Decrabrite[™] XG and Decrabrite[™] XGWR 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.