

DECRABRITE™ XG AND DECRABRITE™ XG WR

FORMALDEHYDE-FREE™ THERMAL AND ACOUSTICAL INSULATION

DATA SHEET

THERMAL CONDUCTIVITY (ASTM C518)

Density		75°F (24°C) Mean Temperature	
pcf	kg/m ³	Btu·in/(hr·ft ² ·°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/m ³	in	mm	125	250	500	1000	2000	4000	NRC**
0.55	8.81	½	13	0.06	0.16	0.32	0.47	0.57	0.69	0.40
0.55	8.81	¾	19	0.10	0.25	0.45	0.61	0.73	0.83	0.50
0.55	8.81	1½	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 Coefficient.

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INSULATION SYSTEMS OEM INSULATION

OEM CUSTOMER SERVICE
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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 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.