MANSON INSULATION

CONTRACTOR

JOB NAME

DATE

AK BLANKET™

Operating Temperature: 0° F – 650° F (-18° C – 343° C)

DESCRIPTION

AK Blanket is an amber blanket of glass fibers bonded with a thermosetting resin.

APPLICATION

AK Blanket products are used as thermal and/or acoustical insulation in the appliance, equipment, industrial, commercial and marine markets.

SUSTAINABILITY

All of our products are made from sustainable resources, such as recycled glass and sand. And we're proud to be putting glass bottles back to work rather than into landfills. Our products are made with a minimum of 50% recycled glass—totaling an average of 26 million bottles each month.

PACKAGING

AK Blanket products are rolled using a tight wound single compression method and wrapped in poly sheets and unitized in bundles of 4 rolls.

SPECIFICATION COMPLIANCE

- ASTM C553; Type I, Type II

INDOOR AIR QUALITY

- EUCEB certified

FIBERGLASS AND MOLD

Fiberglass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Carefully inspect any insulation that has been exposed to water. If it shows any sign of mold, it must be discarded. If the material is wet but shows no evidence of mold, it should be dried rapidly and thoroughly. If it shows signs of facing degradation from wetting, it should be replaced.

NOTES

The chemical and physical properties of this product represent average values determined in accordance with accepted test methods. The data is subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. References to numerical flame spread ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

Check with your Manson Insulation Area Manager to ensure information is current.

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TECHNICAL DATA

PROPERTY (UNIT)	TEST	PERFORMANCE
Water Vapor Sorption (by weight)	ASTM C1104	Less than 3%
Mold Growth	ASTM C1338	Pass
Maximum Service Temperature	ASTM C411	Unfaced: 650° F (343° C)
Odor Emission	ASTM C1304	Pass
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84, UL 723	FHC 25/50, UL/ULC Classified

SOUND ABSORPTION COEFFICIENTS | ASTM C423, TYPE A MOUNTING

		⅓ OCTAVE BAND CENTER FREQUENCY (CYCLES/SEC.)						
TYPE	THICKNESS	125	250	500	1000	2000	4000	NRC
1.5 PCF (24 kg/m³)	1" (25 mm)	0.03	0.28	0.56	0.82	0.90	0.94	0.65
	2" (51 mm)	0.38	0.89	1.08	1.14	1.11	1.08	1.05

THERMAL CONDUCTIVITY | ASTM C518 @ 75°F MEAN TEMPERATURE

	THERMAL CONDUCTIVITY	
DENSITY	BTU · IN/FT² · HR. · °F	W/M · °C
1.5 PCF (24 kg/m³)	0.24	0.035

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