



## AK BLANKET™

Temperature Limit: 650° F (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.

### 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

### PRODUCT FEATURES

#### EUCEB

- Tested and certified to meet EUCEB requirements

### 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 AK Blanket represent average values determined in accordance with accepted test methods. The data is subject to normal 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 material under actual fire conditions.

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

**TECHNICAL DATA**

PROPERTY (UNIT)	TEST	PERFORMANCE
Water Vapor Sorption (by weight)	ASTM C1004	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**

TYPE	THICKNESS	½ OCTAVE BAND CENTER FREQUENCY (CYCLES/SEC.)						NRC
		125	250	500	1000	2000	4000	
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**

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