

TECHNICAL DATA SHEET

PRODUCT:	AFICO BLANKET INSULATION
DETAILS:	12 kg/m ³ DENSITY; 50mm THICKNESS; KRAFT

DESCRIPTION:

The product is highly efficient, resilient, flexible blanket insulation composed of fine, stable and uniformly textured inorganic glass fibers bonded together by a non-water soluble and fire-retardant thermosetting and heat resistant resin. It is free from coarse fibers and shot due to its mineral composition.

The product is intended for use in roof and side walls of commercial, industrial, residential, agricultural and poultry farms metal building construction. This insulation greatly reduces heat gain or loss through the building envelope. It will not rot, disintegrate or slump.

Density	12 kg/m ³	ASTM C167
Thickness	50 mm	
Thermal Performance		ASTM C518
Thermal Conductivity	0.040 W/mK	
Thermal Resistance	1.3 m ² .K/W	
Maximum Use Temp.	232 °C	ASTM C411
Minimum Use Temp.	-4 °C	
Corrosiveness	Passed	ASTM C665
Water Vapor Sorption	<5 % by weight	ASTM C1104
Surface Burning Characteristics		ASTM E84/ UL 723
Flame Spread Index	≤ 25	
Smoke Developed Index	≤ 50	
Flexibility	Flexible	ASTM C1101
Fungi Resistance	Does not promote fungi growth	ASTM C1338
Odor Emission	No objectionable odor	ASTM C1304
Shot Content	Not applicable	ASTM C1335
Reaction to fire, Euroclass	B-s1, d0	EN 13501-1
Standard Specification Compliance	ASTM C 553; ASTM C665	
JACKETING/FACING	KRAFT	

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