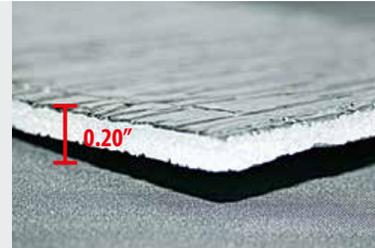


# 5M PLUS

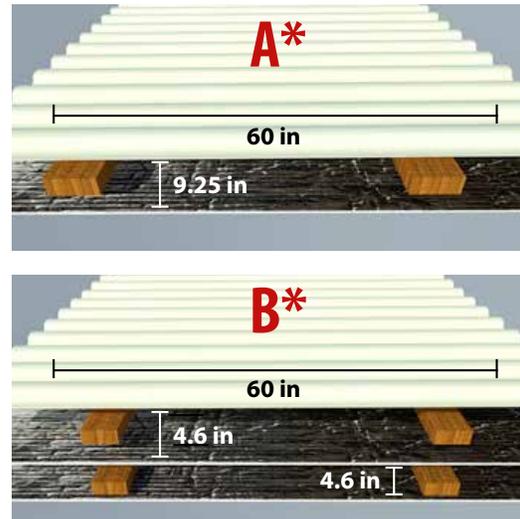
## TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

### REFLECTIVE REINFORCED FOIL + CLOSED CELL POLYETHYLENE FOAM + REFLECTIVE REINFORCED FOIL

Closed cell polyethylene foam sandwiched between Reflective Reinforced foil on both sides.



5M INSULATION (REFLECTIVE REINFORCED FOIL + POLYETHYLENE FOAM + REFLECTIVE REINFORCED FOIL)		
DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.19 ± 0.013 (in)	LENGTH: ± 11 (in)	WIDTH: 4 ± 0.032 (ft)
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	CLOSED	-
EFFECTIVE WIDTH	3.83 ft	-
AVERAGE WEIGHT	0.0381 lb/ft <sup>2</sup>	-
THERMAL CONDUCTIVITY	0.0186 Btu/ft.h.°f	ASTM C 518
THICKNESS	0.20 in	-
WATER VAPOR PERMEANCE	0.011 perms (impermeable)	ASTM E 96-05
FLAME INDEX	0	ASTM E-84-10
CRITICAL RADIANT FLUX	0.50 W/cm <sup>2</sup>	ASTM E 970-10
SMOKE DEVELOPMENT	5	ASTM E-84-10
EMITANCE	0.04	ASTM C-1371-04
FUNGI RESISTANCE	NO GROWTH	ASTM C 1338
ADHESIVE PERFORMANCE	NO BLEEDING / NO DELAMINATION	ASTM C-1224
TEMPERATURE AND HUMIDITY RESISTANCE	NO CORROSION/NO DELAMINATION/NO LOSS OF METALIZATION	ASTM C-1258-08
PLIABILITY	NO CRACKING/ NO DELAMINATION	ASTM C-1224
TEMPERATURE RANGE	-4 °f / 180 °f	ASTM C-1224
TENSILE STRENGTH AT BREAK (MD)	9.9 Lbf/inch	ASTM D-638
ROOM CORNER BURN TEST	PASS	NFPA 286, 2006/2009 IBC
R VALUE ( Heat Flow Down)	*A: 17 *B: 25 (ft <sup>2</sup> .hr.°f/Btu)	ASTM STP1116



→ Do not install at soffits when the insulation can be permanently exposed to UV radiation



PRODEX, A  
MANAGEMENT  
SYSTEM CERTIFIED  
COMPANY



Certification number for:  
Costa Rica: RE-005/03/2004, SGA-003/01/2009 y CRISIC00064-1-10  
Panama: RE-005/03/2004

**PRODEX**  
LEADERS IN THERMAL INSULATION FOR CONSTRUCTION

