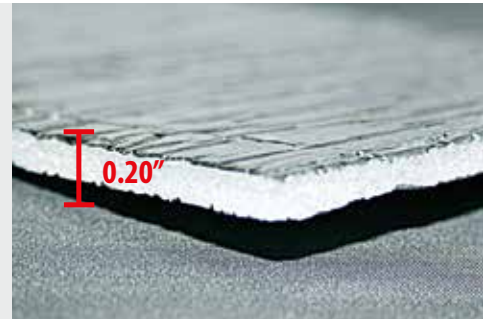


# 5M

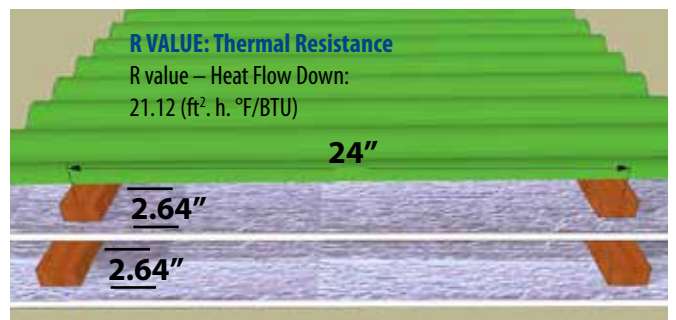
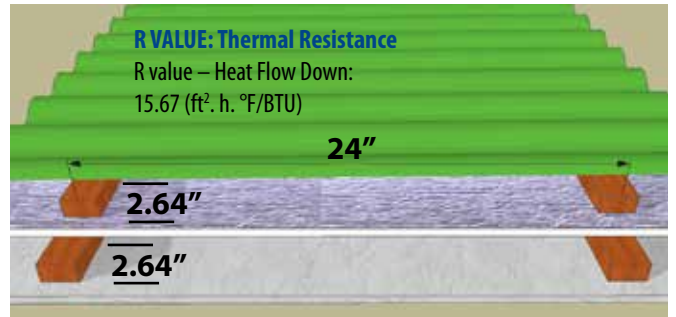
## TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

ALUMINUM FOIL + POLYETHYLENE FOAM + ALUMINUM FOIL

0.20" closed cell polyethylene foam sandwiched between pure aluminum on both sides.



5M INSULATION (ALUMINUM FOIL + POLYETHYLENE FOAM + ALUMINUM FOIL)		
DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.20 ± 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 OF ft <sup>2</sup>	0.0512lb/ft <sup>2</sup>	-
WATER RESISTANCE	WATERPROOF	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.05 perms (gr/ft <sup>2</sup> *h*in.hg)	ASTM E 96/IRAM 1735
FLAME INDEX	0	ASTM E-84-99
SMOKE DEVELOPMENT	15	ASTM E-84-99
EMITANCE	0.03	ASTM C-1371-98
FUNGAL RESISTANCE	NO GROWTH	ASTM C 1338
CORROSIVENESS	PASS	ASTM C-1224
PLIABILITY	NO CRACKING	ASTM C-1224
HUMIDITY RESISTANCE	PASS	ASTM C-1224
BLEEDING AND DELAMINATION	NO BLEEDING / NO DELAMINATION	ASTM C-1258
TENSILE STRENGTH AT BREAK (MD)	10.4 Lbf/inch	ASTM D -638
OPERATING TEMPERATURE	Up to 176 °f	ASTM C-1224
R VALUE ( Heat Flow Down)	* A: 15.67; B: 21.12 (ft <sup>2</sup> -h-°F/Btu)	ASTM STP1116



- It is recommended a distance of 4 ft. to 8 ft. between supports
- Do not install at soffits when the insulation can be permanently exposed to UV radiation

Reflective on both sides

Thermal insulation

Hydrophobic insulation

Prevent condensation

Seals around nails

Maintains thickness over time

Does not allow insects to pass

CLASS A CLASS 1  
Fire Rating

REAL WARRANTY  
10 YEARS



**PRODEX, A MANAGEMENT SYSTEM CERTIFIED COMPANY**



Certification number for:  
Costa Rica: RE-005/03/2004, SGA-003/01/2009 y CRISJ00064-1-10  
Panama: RE-005/03/2004



**PRODEX**  
LEADERS IN THERMAL INSULATION FOR CONSTRUCTION

