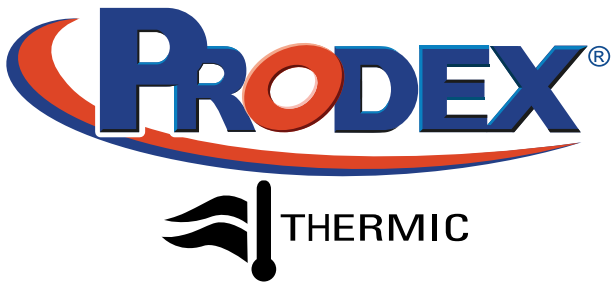


TECHNICAL DATA SHEET

Version 4.0
Valid up to August 2013



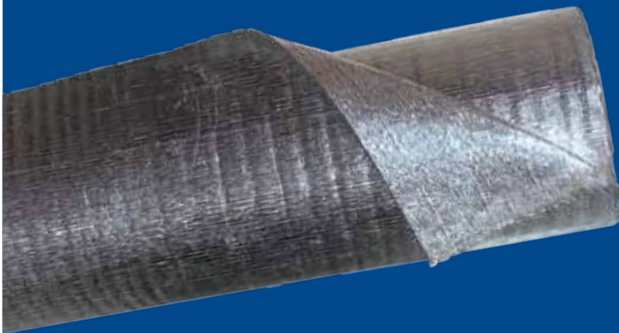
REFLECTIVE THERMAL INSULATION

Prodex AD5 ALUMINUM FOIL + POLYETHYLENE FOAM + ALUMINUM FOIL

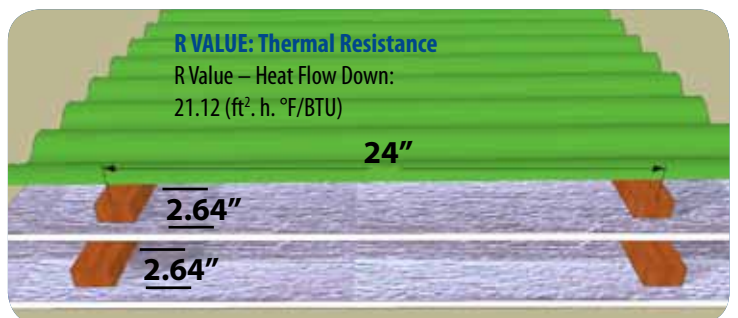
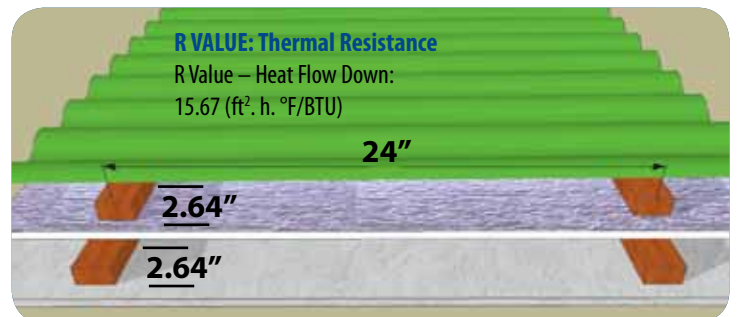
0.19" closed cell polyethylene foam sandwiched between pure aluminum on both sides

Reflective thermal insulation developed according to the highest standards of quality, designed to save energy eliminating the radiant heat emitted by roofs, floors, and walls within the constructions.

Besides, it protects your home, business or project providing COMFORT at any time of year.



AD 5 INSULATION (ALUMINUM FOIL + POLYETHYLENE FOAM + ALUMINUM 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 OF FT ²	0.0512lb/ft ²	-
WATER RESISTANCE	WATERPROOF	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.05 perms (gr/ft ² *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	-4 °f / 176 °f	ASTM C-1224
R VALUE (Heat Flow Down)	* A: 15.67; B: 21.12 (ft ² ·h·°F/Btu)	ASTM STP1116



- It is recommended a distance of 1.20 meters to 2.20 meters between supports
- Do not install at soffits when the insulation can be permanently exposed to UV radiation



Comfort in harmony with the environment



Ph (506) 2438-2322 | Fax (506) 2438-2341
www.prodexcr.com