

# Technical Data Sheet

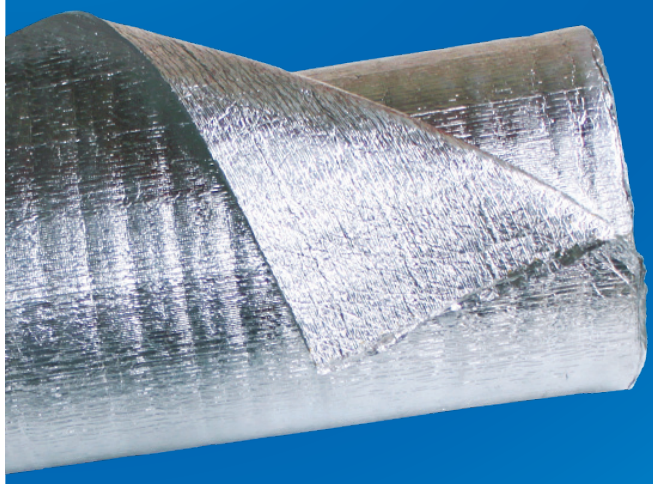
Version 3.0  
Valid up to August 2012

## Prodex® AD5 REFLECTIVE THERMAL INSULATION PRODEX® AD= ALUMINUM + ALUMINUM

5 mm (1/4 inch) 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.



### TECHNICAL SPECIFICATIONS – PRODEX THERMIC / AD5

AD5 INSULATION ( ALUMINIUM FOIL ON BOTH SIDES)		
MEASURES AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.19 ± 0.0137 (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 ft²	0.512lb/ft²	-
WATER RESISTANCE	Waterproof	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.05 perms (gr/ft²*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
FUNGI RESISTANCE	No growth	ASTM C 1338
CORROSIVENESS	Pass	ASTM C-1224
PLIABILITY	No cracking	ASTM C-1224
BLEEDING AND DELAMINATION	No bleeding no delamination	ASTM C-1224
HUMIDITY RESISTANCE	Pass	ASTM C-1258
OPERATING TEMPERATURE	-4 °f / 176 °f	ASTM C-1224
R VALUE ( Heat Flow Down)	* A: 15.67; * B : 21.12 (ft²·h·°F/Btu)	ASTM STP1116

**R VALUE: Thermal Resistance**  
(R Value- Heat Flow Down):  
15.67 (ft². h.°F/BTU)

**R VALUE: Thermal Resistance**  
(R Value- Heat Flow Down):  
21.10 (ft². h.°F/BTU)

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.

