

# TECHNICAL DATA SHEET

Code: NT-71-P  
Version: 1.0

# PRODEX®



## REFLECTIVE THERMAL INSULATION

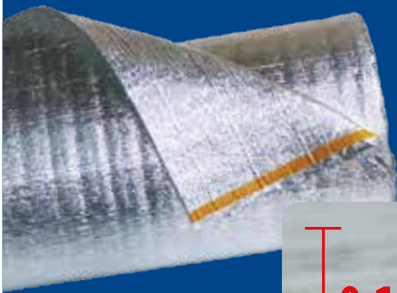
# Prodex AD5F

ALUMINUM FOIL FACER + POLYETHYLENE FOAM + ALUMINUM FOIL FACER + ADHESIVE TAPE

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

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.



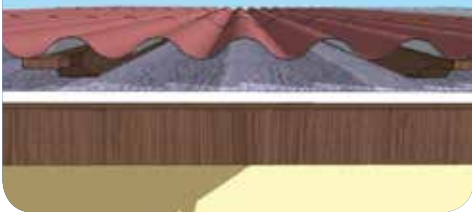
Double sided self-adhesive tape for side overlaps, which helps to decrease installation times and to save money on manpower.



ADS F INSULATION (ALUMINUM FOIL FACER + POLYETHYLENE FOAM + ALUMINUM FOIL FACER + ADHESIVE TAPE)		
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 ft²	0.512 lb/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
HUMIDITY RESISTANCE	PASS	ASTM C-1224
BLEEDING AND DELAMINATION	NO BLEEDING / NO DELAMINATION	ASTM C-1258
OPERATING TEMPERATURE	-4 °f / 176 °f	ASTM C-1224
TENSILE STRENGTH AT BREAK (MD)	10.4 LbF/inch	ASTM D -638
R VALUE ( Heat Flow Down)	* A: 15.67;B : 21.12 (ft²·h·°F/Btu)	ASTM STP1116
HOLDING POWER (SHEAR ADHESION)	>24 hr/in²	PSTC-7
PEEL ADHESION	56 oz/inch	PSTC-3

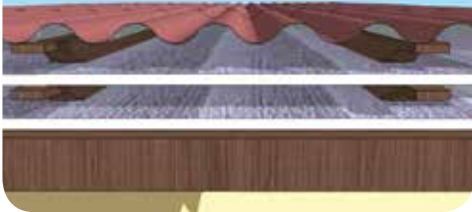
### R VALUE: Thermal Resistance

R Value – Heat Flow Down:  
15.67 (ft². h. °F/BTU)

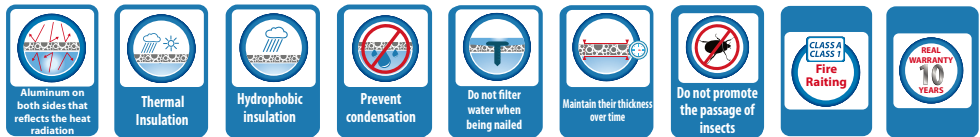


### R VALUE: Thermal Resistance

R Value – Heat Flow Down:  
21.12 (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



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LEADERS IN THERMAL INSULATION FOR CONSTRUCTION

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