

AD5

TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

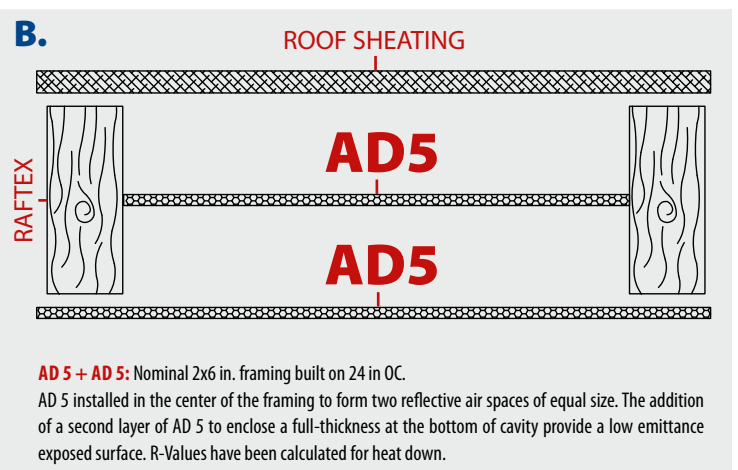
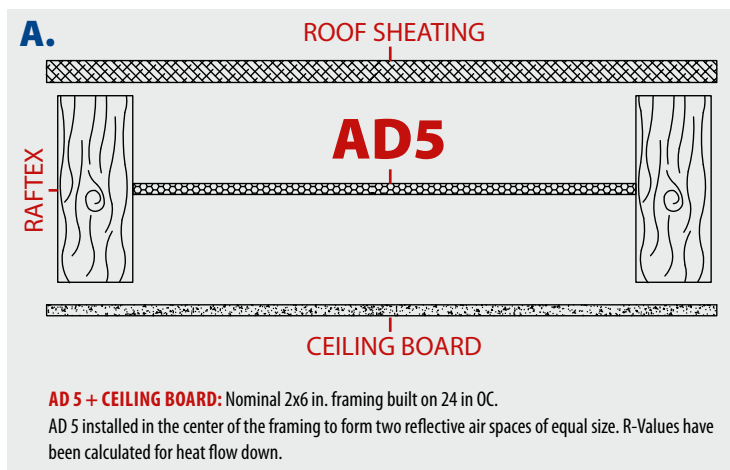
ALUMINUM FOIL + POLYETHYLENE FOAM + ALUMINUM FOIL

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



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



PRODEX, A MANAGEMENT SYSTEM CERTIFIED COMPANY



Certification number for:
Costa Rica: RE-005/03/2004, SGA-003/01/2009 y CRIS/O00064-1-10
Panama: RE-005/03/2004

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LEADERS IN THERMAL INSULATION FOR CONSTRUCTION