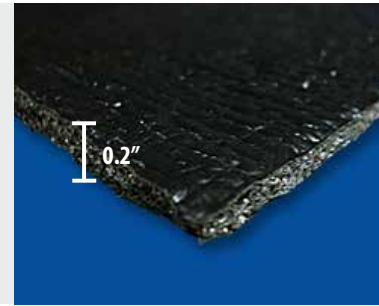


5M Black Plus

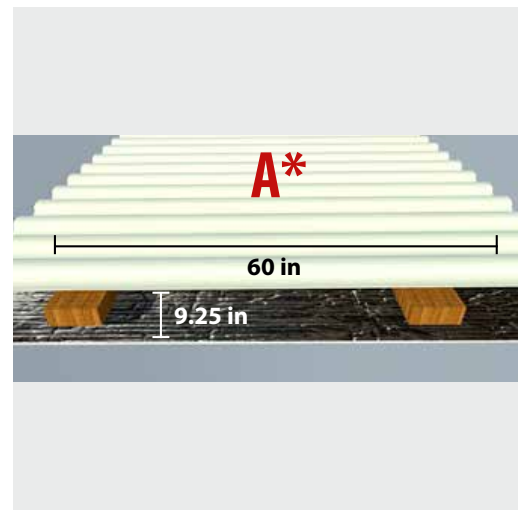
TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

REFLECTIVE REINFORCED FOIL + CLOSED CELL POLYETHYLENE FOAM + UV RESISTANT BLACK FACER

0.2" closed cell polyethylene foam with Reflective Reinforced foil on one side and plastic black finish film on the other side.



ESW 5 INSULATION (REFLECTIVE REINFORCED FOIL + POLYETHYLENE FOAM + UV RESISTANT BLACK FACER)		
DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.19 in ± 7%	LENGTH: 175 ± 1 (ft)	WIDTH: 4 ft ± 0.032 ft
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	CLOSED	-
EFFECTIVE WIDTH	46"	-
AVERAGE WEIGHT	0.0360 lb/ft ²	-
WATER VAPOR TRANSMISSION	0.09 perms (gr/ft ² ·h·in.hg)	ASTM E 96
EMITANCE	0.04	ASTM C-1371-04
FLAME INDEX	0	ASTM E-84-12
SMOKE DEVELOPMENT	10	ASTM E-84-12
FUNGI RESISTANCE	NO GROWTH	ASTM C 1338
ADHESIVE PERFORMANCE	NO BLEEDING / NO DELAMINATION	ASTM C-1224
TEMPERATURE AND HUMIDITY RESISTANCE	NO CORROSION/NO DELAMINATION/NO LOSS OF METALIZATION	ASTM C-1258-08
PLIABILITY	NO CRACKING/ NO DELAMINATION	ASTM C-1224
TEMPERATURE RANGE	Up to 180 °f	ASTM C-1224
UV RESISTANCE	500 hours (0.21 Btu/hr/ft ² , 122 °f)	ASTM D-4329
TENSILE STRENGTH AT BREAK (MD)	14.1 Lbf/inch	ASTM D-638
R VALUE (Heat Flow Down)	* A: 15 (ft ² ·h ² ·F/Btu)	ASTM STP1116



- It is recommended a distance of 4 ft to 7.20 ft between supports
- Do not install at soffits when the insulation can be permanently exposed to UV radiation
- REINFORCED

