

10M PLUS

TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

REFLECTIVE REINFORCED FOIL + CLOSED CELL POLYETHYLENE FOAM + REFLECTIVE REINFORCED FOIL

Reflective thermal insulation that adds R value, prevents heat, moisture and air transfer.



→ With a 2" gap of 0.19" thick space in the edge of the insulation roll to facilitate and improve the overlap between each piece

| PRODEX TOTAL 10M (REINFORCED REFLECTIVE FACER + POLYETHYLENE FOAM + REINFORCED REFLECTIVE FACER) | | |
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| DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT | | |
| THICKNESS: 0.4 ± 0.027 (in) | LENGTH: 85.3 ± 1 (ft) | WIDTH: 4 ± 0.032 (ft) |
| TECHNICAL CHARACTERISTICS OF THE PRODUCT | | |
| CHARACTERISTICS | VALUE | STANDARD |
| FOAM CELL STRUCTURE | CLOSED | - |
| EFFECTIVE WIDTH | 4 ft | - |
| AVERAGE WEIGHT | 0.0632 lb/ft ² | - |
| THERMAL CONDUCTIVITY | 0.0186 Btu/ft.h.°f | ASTM C 518 |
| WATER VAPOR PERMEANCE | 0.011 perms (impermeable) | ASTM E 96-05 |
| FLAME INDEX | 0 | ASTM E-84-10 |
| CRITICAL RADIANT FLUX | 0.50 W/cm ² | ASTM E 970-10 |
| SMOKE DEVELOPMENT | 5 | ASTM E-84-10 |
| EMITANCE | 0.04 | ASTM C-1371-04 |
| 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 | -4 °f / 180 °f | ASTM C-1224 |
| TENSILE STRENGTH AT BREAK (MD) | 23.8 Lbf/inch | ASTM D-638 |
| R VALUE (Heat Flow Down) | *22 (ft².hr.°F/Btu) | ASTM C-236 |



- Tested in bays ranging between 8 to 13 ft. No issue spanning large bays.
- Do not install at soffits when the insulation can be permanently exposed to UV radiation.

