

LOW-E 
THERMA SHEET
THERMAL ROOFING UNDERLAYMENT



Low-E ThermaSheet®

**PLEASE SEE REVERSE SIDE FOR
INSTALLATION INSTRUCTIONS.**

PRODUCT CODES: 4LMPX (1/8" nominal thickness), 4LFPX (7/32" (nominal thickness)

PRODUCT DIMENSIONS & DESCRIPTION: Double sided scrimmed aluminum foil laminated to polyethylene foam with a 4" overlapping flange

WIDTH: 4'

LENGTH: 125'

R-VALUE: ASTM C-518 Under Shingles - 4LMPX 0.5, 4LFPX 1.03

SYSTEM R-VALUE*: R-6.4 downward heat flow only (with 1.5" airspace)

PERM RATING: ASTM E96 0.008

EMITTANCE: ASTM C1371 0.03



*System R-Value for this installation method was calculated using data from the Ashrae Handbook of Fundamentals.

NOTE: Do not allow product to become damp or wet while rolled in sealed bag. Do not set product directly on wet or uncured concrete.

WARNING: Although Low-E Insulation Products are all fire tested to ASTM and/or NFPA standards it is recommended that they, or any other insulation material, should not be exposed to open flame or other ignition sources of sufficient intensity during shipment, storage or installation.

CAUTION: Aluminum is an electrical conductor. Please use caution when working around electrical sources including overhead power lines. Carefully inspect electrical junction boxes and check for frayed wires before beginning installation.

NOTE: LOW-E THERMASHEET® IS DESIGNED FOR USE AS A ROOFING UNDERLAYMENT ONLY.

Low-E Insulation products are covered under a limited warranty. For details on our warranty or any other information please call 1-800-BUY-LOWE (800-289-5693)



ICC EVALUATION
SERVICE

ICC-ES Evaluation Report
ESR-3652

ICC, CBC, CRC, FRC Evaluated Alternative Stand Alone Underlayment

Most Widely Accepted and Trusted

U.S. Patent No's.

10,570,612 & 11,492,798

Low-E ThermaSheet® Installation Instructions

Under Composite Shingle, Metal Panel, Clay Tile, Wood Shake or Slate

Low-E ThermaSheet® is designed for use as a roofing underlayment ONLY.

1. Install aluminum rain drip trim as normal at gutter edge of decking.
2. Where required, install ice shield as normal at gutter edges and rake of roof decking.
3. Orient the Low-E ThermaSheet® underlayment. Low-E ThermaSheet® has a trim edge on one side and a foil flange on the other. Identify these edges.
4. First run; Unroll Low-E ThermaSheet® horizontally with the trim edge down running parallel with the gutter edge of the roof decking. Use standard cap fasteners to fasten the product to the decking as you would install any approved underlayment. It is also acceptable to install with the flange oriented downward. If this is the case, fold the flange under the product before fastening.
5. Install all subsequent runs of Low-E ThermaSheet® with roll oriented so the flange faces downward and lays over the foam core of the previous run. Note: When correctly installed, there should be no variance in the thickness of the Low-E ThermaSheet® at the run joints or overlap. The flange laying over top of the prior run serves as a drainage plain.
6. Install rain edge trim over the Low-E ThermaSheet® at the rake edges.
7. Tape all vertical seams with ESP Low-E seam tape where no flange is present. ESP seam tape can also be used to make repairs to surface damage.
8. If underlayment will be left exposed for any length of time or when inclement weather is expected, fasten or tape the flange edges down so wind driven rain can not penetrate under the Low-E ThermaSheet®.

Take all appropriate safety precautions including wearing proper foot and eye wear.

FOR ANY ADDITIONAL PRODUCT OR INSTALLATION QUESTIONS REGARDING LOW-E THERMASHEET®,
PLEASE CALL 800-BUY-LOWE. (800-289-5693)