

Therma-Sheet™

Metal & Concrete or Clay Tile Roofing
Energy Upgrade

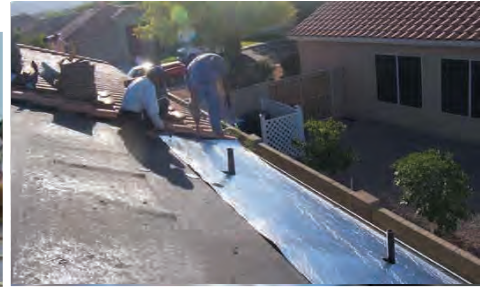


REFLECTIVE INSULATION
INSULATION SOLUTIONS FOR OVER 25 YEARS



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PRODUCT DESCRIPTION:

Therma-Sheet Roofing Underlayment is manufactured by Environmentally Safe Products, Inc. It is a 99% pure aluminum facing heat laminated to a foam core. ICC, CBC, CRC and FRC evaluation (ESR-3652) allows Therma-Sheet to be used as a stand alone alternative to felt paper and other traditional underlayments. The product is very lightweight, easy to install, and additionally provides thermal protection under metal roofing, stone coated steel and clay tiles. By using Therma-Sheet under your roofing system you can help cut your summer heat gain and when used in conjunction with proper attic ventilation it can also help to control ice damming.

BENEFITS OF THERMA-SHEET:

- ICC, CBC, CRC & FRC evaluated (ESR-3652) alternative stand alone underlayment
- Lowers Attic Temperature
- Increases Energy Savings
- Non-Toxic, No Fiberglass, - No Itching
- Excellent Vapor Barrier
- Installs easily
- Superior thermal performance
- Flexible and durable
- Improves insulation system performance
- Great for new roofing or re-roofing

PRODUCT NAME: Therma-Sheet

PRODUCT CODES: 4LMPX, 4LFPX

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimmed aluminum foil laminated to polyethylene foam (1/8", 7/32")

WIDTH: 4' LENGTH: 125' (standard with 4" overlapping flange)

R-VALUE: R-9 downward heat flow only (With 1.5" airspace)

CORE MATERIAL: Polyethylene

FACING: 99.4% Polished Aluminum

PERM RATING: ASTM E - 96 0.008

EMITTANCE: ASTM C-1371 0.03

Like a radiant barrier, Low-E™ products also block 97% of radiant heat. Specific R-values for specific applications can be obtained from Install Guide at www.low-e.com or by contacting ESP Inc. at 1-800-289-5693.

MSDS of all Low-E™ Insulation products can be found online at www.low-e.com.

"ESP Inc. strives to provide the most accurate R-value data possible. The R-values set forth in this document are the reflection of a combination of industry standard testing and conscientious calculation. However, these numbers, even within specific applications, can fluctuate due to the multiple variables that influence R-value."

WARNING: Although Low-E™ Insulation Products are all fire tested to ASTM and/or NFPA standards; it is recommended that they or any 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.

* The information contained herein pertains to only the product codes listed on this brochure.



Scan Code to See Install Guide

ES ICC EVALUATION SERVICE ICC-ES Evaluation Report **ESR-3652**
ICC, CBC, CRC, FRC Evaluated Alternative Stand Alone Underlayment
Most Widely Accepted and Trusted

Therma-Sheet™

Roofing Energy Upgrade for Under Shingles

ESP LOW-E

REFLECTIVE INSULATION
INSULATION SOLUTIONS FOR OVER 25 YEARS



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PRODUCT DESCRIPTION:

Therma-Sheet Insulation may be installed directly under shingles and ICC, CBC, CRC and FRC evaluation (ESR-3652) allows Therma-Sheet to be used as a stand alone alternative to felt paper and other traditional underlayments. Simply install Therma-Sheet as shown in the pictures above using the overlap flange as a rain drip edge. Shingles are then installed as per the manufacturers instructions.

PRODUCT NAME: Therma-Sheet

PRODUCT CODES: 4LMPX, 4LFPX

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimmed aluminum foil laminated to polyethylene foam (1/8", 7/32")

WIDTH: 4' **LENGTH:** 125' (standard with 4" overlapping flange)

R-VALUE: Under Shingles 0.5

CORE MATERIAL: Polyethylene

FACING: 99.4% Polished Aluminum

PERM RATING: ASTM E - 96 0.008

EMITTANCE: ASTM C-1371 0.03

Specific R-values for specific applications can be obtained from Install Guide at www.low-e.com or by contacting ESP Inc. at 1-800-289-5693.

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Scan Code to See
Install Guide

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ICC EVALUATION
SERVICE

ICC-ES Evaluation Report
ESR-3652

Most Widely Accepted and Trusted

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