

Therma Sheet™

Metal & Concrete or Clay Tile
Roofing Underlayment



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Therma Sheet Roofing Underlayment is manufactured in the USA by Environmentally Safe Products, Inc. It is a 99% pure polished aluminum facing heat laminated to a closed cell foam core.

Preferably it is used in conjunction with traditional felt paper.

Therma Sheet provides excellent thermal and moisture protection under metal roofing, stone coated steel, concrete or clay tile.

The product is very lightweight and easy to install. The material composition of Therma Sheet allows it to outlast and outperform yesterday's underlayments. Therma Sheet reflects up to 97% of the radiant heat that is normally transferred into the attic by super heated roofing materials. Therma Sheet used under your roofing system will help cut your summer air conditioning bills. It greatly reduces attic heat gain making this space more usable and the rest of the house cooler.

BENEFITS OF THERMA SHEET:

- Lowers attic temperature
- Increases energy savings
- Non-toxic, no fiberglass – no itching
- Excellent vapor barrier
- Class A Class 1 Fire Rating
- Installs easily with razor knife and foil tape
- Superior thermal performance
- Flexible and durable
- Improves insulation system performance
- Insect/Bird resistant
- Great for new construction or retrofits
- Reflects up to 97% radiant energy

* The information contained herein pertains to only the product codes listed on the reverse side of this flyer.

Therma Sheet^{LOW-E}

Metal & Concrete or Clay Tile Roofing Underlayment

PRODUCT NAME: Therma Sheet

PRODUCT CODES: 4EMEX

PRODUCT DIMENSIONS & DESCRIPTIONS:

Double sided scrimless aluminum foil laminated to polyethylene foam (1/8" nominal thickness)

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

FLAME AND SMOKE: ASTM E 84-97a Flame Spread: < 25 Smoke Developed: < 50

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

Do not leave product exposed when placed on both walls and ceiling of a conditioned space if ceiling height is less than 10 feet. In conditioned spaces where product is being used on both walls and ceiling, and ceiling height is less than 10 feet, surfaces should be covered with a proper thermal barrier.

WARNING: Although ESP 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.

Discover even more ways to lower energy costs with ESP LOW-E[®] Insulation



Green building is not just a trend, but the wave of the future as more and more homeowners and builders demand energy efficient homes and products. ESP Low-E[®] Insulation products are designed for maximum energy and cost efficiency. Whether it's under slab, under roof, around duct work or wrapping the entire house, ESP LOW-E[®] Reflective Insulation products save more money on heating and cooling than regular insulation and Housewrap.

Check out all the ways ESP LOW-E[®] Insulation can help reduce your energy consumption around the home.



Scan code to see
Install Guide



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ESP LOW-E[®] Insulation • ESP LOW-E[®] Housewrap • ESP LOW-E[®] SlabShield

For more information and a free sample of LOW-E material, or for the dealer nearest you
visit www.low-e.com or call 1.800.289.5693

ESP LOW-E is a trademark of Environmentally Safe Products, Inc.

