

# Commercial Insulation



## BENEFITS OF LOW-E™ INSULATION:

- Increases energy savings
- Non-toxic, no fiberglass – no itching
- Excellent vapor barrier
- 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% of radiant heat
- Helps Deaden Sound



Low-E™ can be used in all facets of the building industry where conventional insulations are used. It can be used alone or in conjunction with mass insulations for high R-systems. From large commercial buildings, light gauge steel to post frame structures, Low-E™ can be used to save money on heating and cooling costs. Low-E™ Insulation is easy to handle and will not tear or puncture easily. It is flexible and seals tight around fasteners. With our Foil or White Foil facings and our EZ Seal Tab, Staple Flange or Trimmed edges to go with them, we have the products to make your building as energy efficient as possible while promoting a healthier indoor environment.



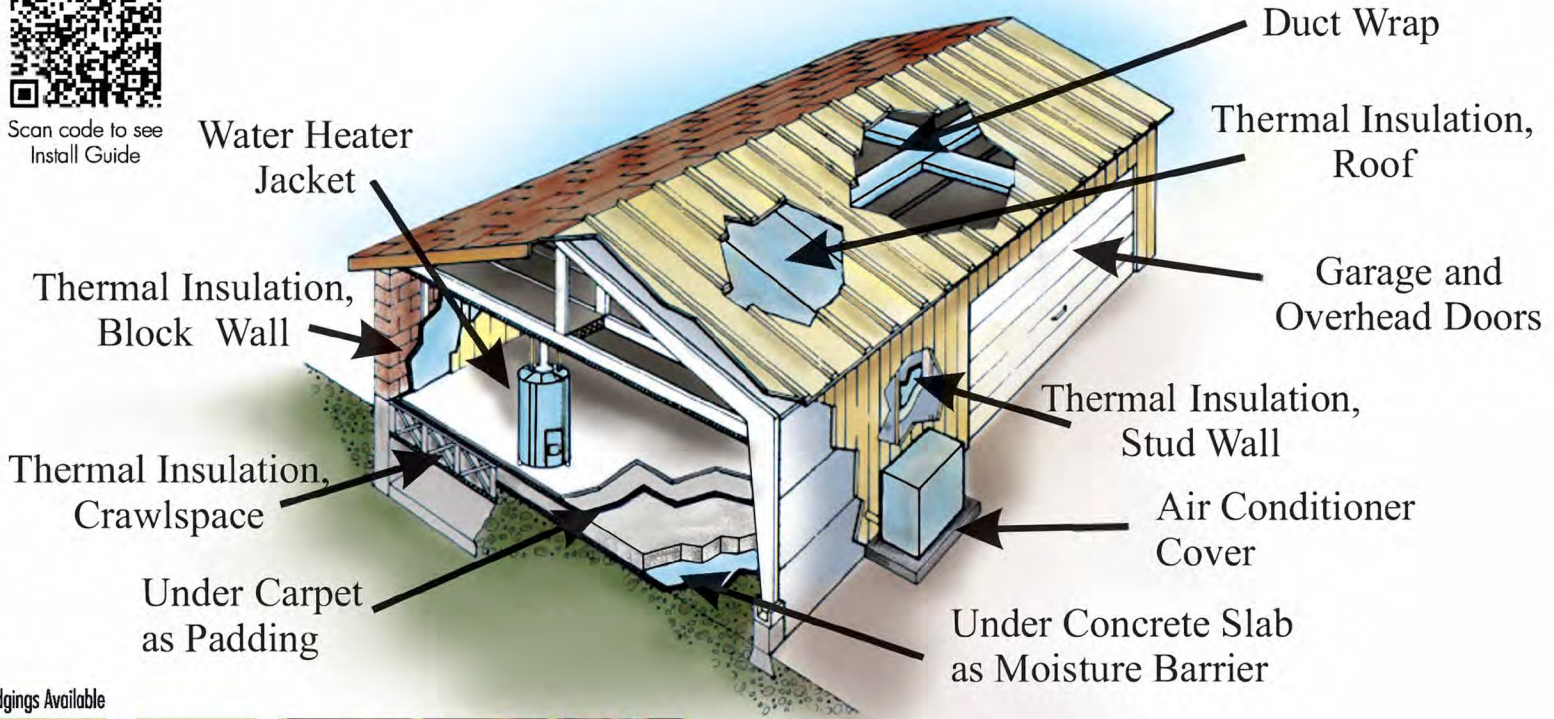
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Install Guide



# Discover even more ways to lower energy costs with LOW-E™ Insulation



Scan code to see Install Guide



Edgings Available



EZ Seal

Trimmed

Staple Flange

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. 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, Low-E™ Reflective Insulation products save more money on heating and cooling than regular insulation and Housewrap. Check out all the ways Low-E™ Insulation can help reduce your energy consumption around the home.

## Low-E™ Insulation

PRODUCT CODES: 4LFLT, 4LFLS, 4LFLZ, 5LFLT, 6LFLT, 6LFLS, 6LFLZ

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimmed aluminum foil laminated to polyethylene foam (1/4" nominal thickness)

WIDTH: 4', 5', 6' LENGTH: 125', 100', 84'

CORE MATERIAL: Polyethylene

FACINGS AVAILABLE: Foil/Foil

EDGINGS AVAILABLE: Trimmed, Staple Flange, EZ-Seal

FLAME AND SMOKE: ASTM E-84

FLAME SPREAD: Less than 25, SMOKE DEVELOPED: Less than 50

FULL SCALE FIRE TEST: NFPA 286 - Foil/Foil Passed

R-VALUE: Up to R-11\*

PERM RATING: E-96 - .008

\*R-values vary depending on facing and assembly.

Specific R-values for specific applications can be obtained from Install Guide at [www.low-e.com](http://www.low-e.com) or by contacting ESP, Inc. at 1-800-289-5693

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.

## Low-E™ Class-A White Insulation

PRODUCT CODES: 4EFWT, 6EFWT, 4EFWS, 6EFWS, 4EFWZ, 6EFWZ

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimless aluminum foil laminated to polyethylene foam (1/4" nominal thickness)

WIDTH: 4', 6' LENGTH: 125', 84'

CORE MATERIAL: Polyethylene

FACINGS AVAILABLE: Foil/Foil, Foil/White Foil

EDGINGS AVAILABLE: Trimmed, Staple Flange, EZ Seal

FLAME AND SMOKE: ASTM E-84

FLAME SPREAD: Less than 25, SMOKE DEVELOPED: Less than 50

FULL SCALE FIRE TEST: NFPA 286 - Foil/White Foil Passed

R-VALUE: Up to R-11\*

PERM RATING: E-96 - .008

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.

**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.

**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.

Low-E™ Insulation • Low-E™ Housewrap • 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](http://www.low-e.com) or call:

ESP CORPORATE  
800-289-5693

LOW-E™ UK  
0151-494-9994

LOW-E™ GULF SOUTH  
800-809-2734

LOW-E™ MIDWEST  
800-769-8818

LOW-E™ NORTHEAST  
800-560-5693

LOW-E™ MID SOUTH  
800-560-5693

LOW-E™ SOUTHWEST  
877-565-5693

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