



Micro-E Insulation

BENEFITS OF MICRO-E INSULATION:

- Lower shipping cost per sq. ft.
- 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% radiant energy



ESP Micro-E® Insulation is simple to install & environmentally friendly. By providing superior thermal performance, either stand alone or in conjunction with mass insulations, Micro-E® can help increase energy savings.

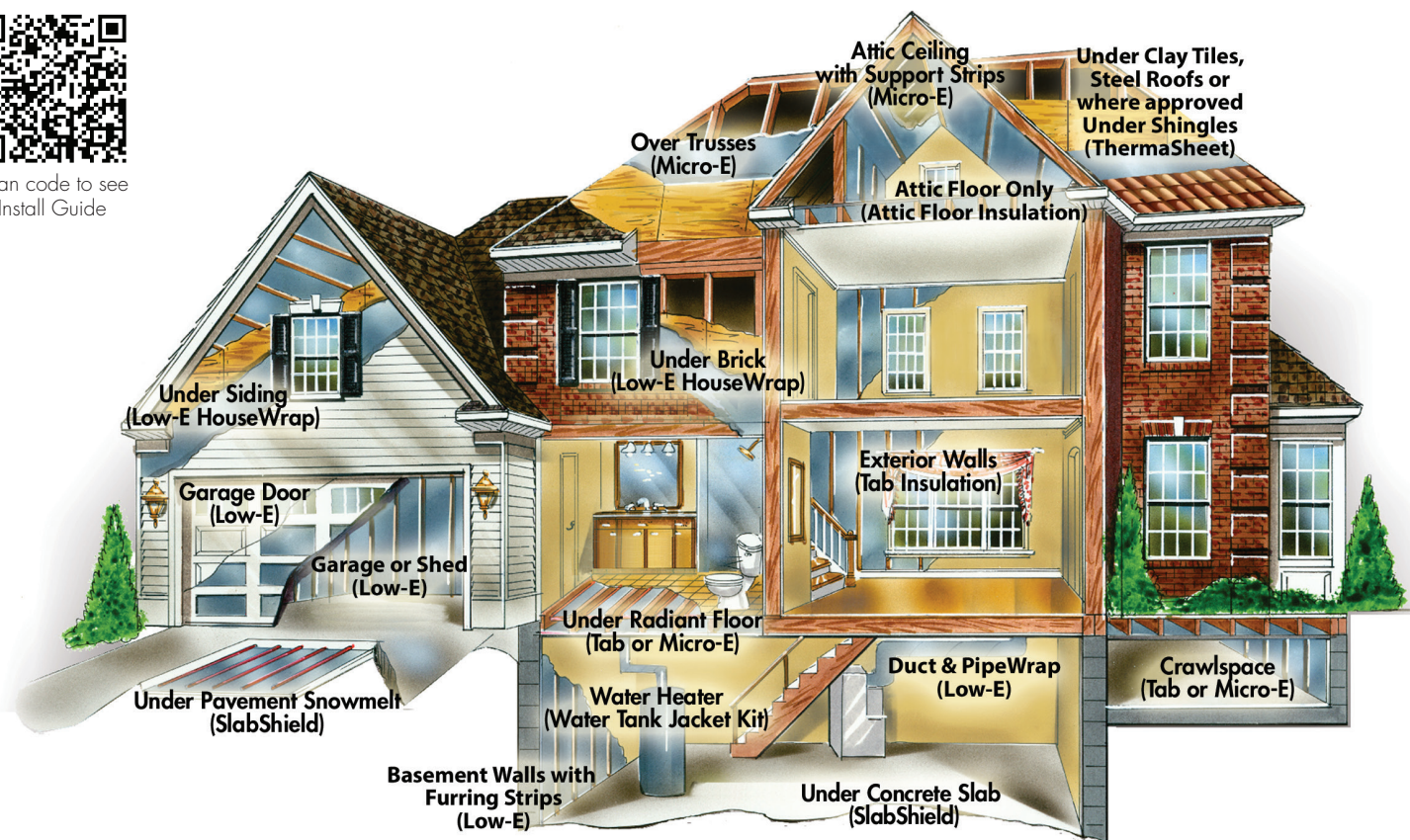
Micro-E® can be used in all facets of the building industry where conventional insulations are used. It can be used alone or in conjunction with mass insulations for high R-systems. From large commercial buildings, light gauge steel to post frame structures. Micro-E® can be used to save money on heating and cooling costs. Micro-E® Insulation is flexible, easy to handle and seals tight around fasteners. With our scrimless foil facings and 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.



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



Scan code to see Install Guide

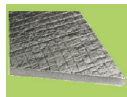


Green building is not just a trend, but the wave of the future as more and more homeowners and builders demand energy efficient homes and products. ESP Low-E® Insulation products are designed for maximum energy and cost efficiency. Whether it's under slab, under roof, around duct work or wrapping the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

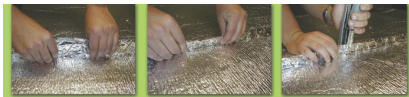
Check out all the ways ESP LOW-E® Insulation can help reduce your energy consumption around the home.



Edgings Available



Trimmed



Staple Flange

ESP LOW-E® Micro-E® Insulation

PRODUCT CODES: 4LMLT (trimmed), 4LMLS (staple flange)

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimmed aluminum foil laminated to polyethylene foam (1/8" nominal thickness) Edges can be trimmed or with staple flange.

WIDTH: 4'

LENGTH: 125' (stock size 4' width)

R-VALUE*: R-10 down R-6 up R-7 horizontal

PERM RATING: ASTM E-96 0.008

FLAME AND SMOKE: ASTM E-84 Flame spread <25 Smoke developed <50

EMITTANCE: ASTM C-1371 0.03

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

R-value includes core material value and low emittance air film value for upward and downward heat flow respectively

*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 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.

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 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.

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.