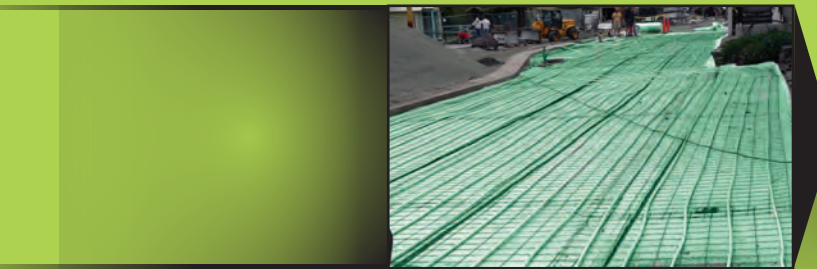


Slab Shield Insulation



BENEFITS OF LOW-E™ SLAB SHIELD INSULATION:

- Decrease slab response time
- Excellent vapor barrier
- Exclusive interlocking tabs
- Convenient and lightweight
- Puncture resistant to 93 psi
- Crush resistant to 70 psi
- Superior thermal performance
- Closed cell foam (not bubble pack)
- Helps retain curing moisture for stronger concrete



To provide greater comfort and energy efficient living, the easiest way to stop heat transfer between ground and slab, is to install LOW-E™ Slab Shield insulation.

Build energy efficient structures from the ground up by using revolutionary LOW-E™ Slab Shield. Developed with the same ESP® LOW-E energy efficient technology that goes into all ESP® LOW-E Insulation products, Slab Shield offers unique benefits not found in other under slab products. LOW-E™ Slab Shield is engineered to not only help prevent heat transfer from ground to slab but also to provide a vapor barrier that protects basements from excess moisture.

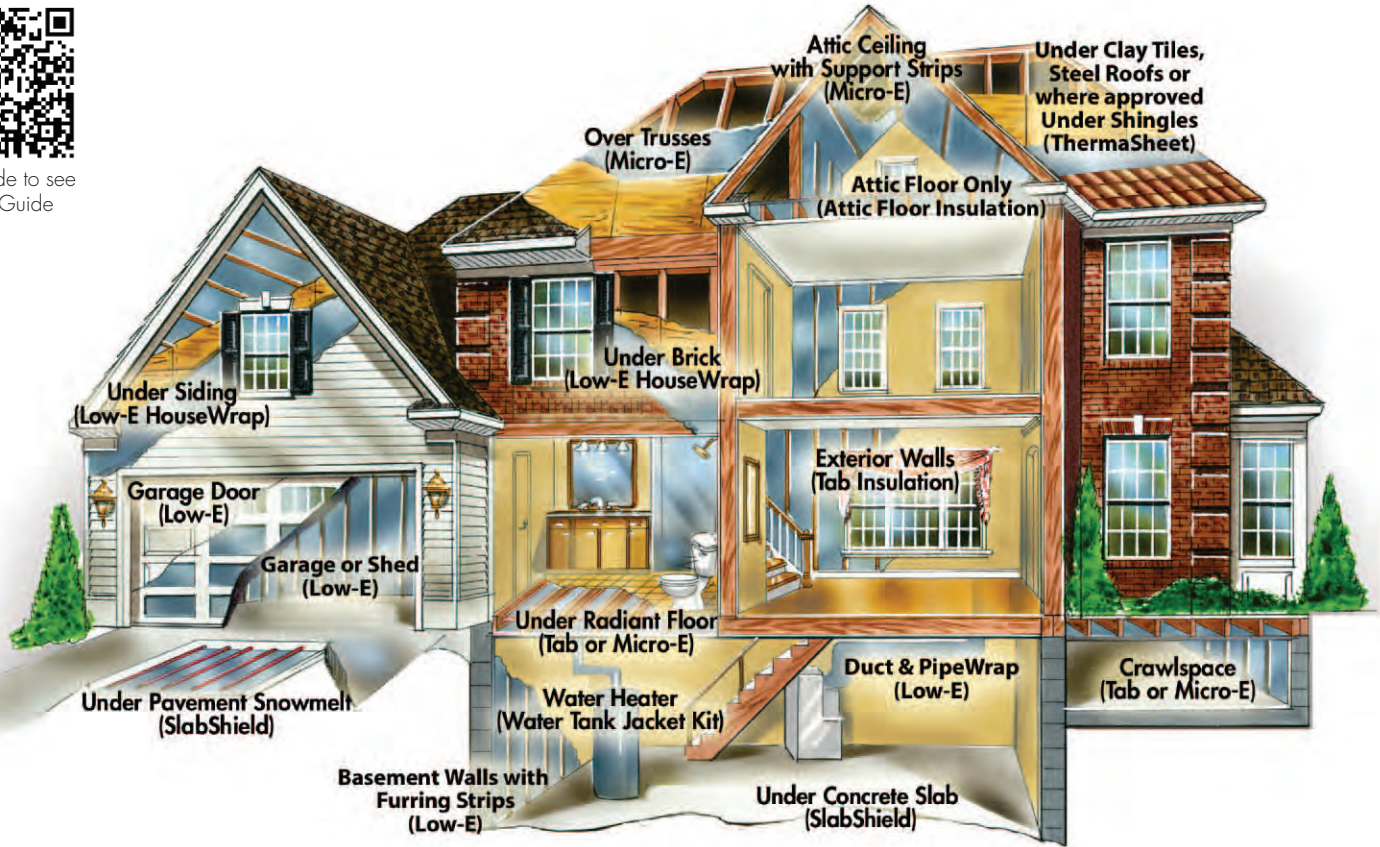
LOW-E™ Slab Shield is designed with a layer of closed-cell polyethylene applied to both sides of a reflective foil layer. The closed cell foam is a vapor barrier. LOW-E™ Slab Shield is LOW-E™ Slab Shield adjusts and molds itself to the contours of the grade providing a better and stronger concrete pour.

LOW-E™ Slab Shield is easy to apply and will not crack or break like traditional board insulation when walked on. It is lightweight and cuts easily with a utility knife. LOW-E™ Slab Shield comes in rolls with innovative interlocking tabs that provide a perfect seam when using several rolls side by side.

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.

LOW-E™ Slab Shield

PRODUCT CODES: 4MSMB*, 4FSFB

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided polyethylene foam laminated to a layer of scrimless aluminum foil

PRODUCT THICKNESS: 1/4" (Nominal Thickness), 3/8" (Nominal Thickness)

WIDTH: 4'

LENGTH: 63' (3/8" rolls), 125' (1/4" rolls)

R-VALUE: ASTM C518: 2.9**

R-VALUE for product only: 1/4" = 1.2, 3/8" = 1.6)

PERM RATING: ASTM E96 0.0028

FLAME AND SMOKE: Not applicable in this type installation as product is to be installed under concrete only.

PUNCTURE RESISTANCE: Beach T-803-99: 92.9 psi

CRUSH RESISTANCE: Architectural Testing Inc. 70 psi

**Tested within concrete assembly

*4MSMB is designed for applications such as under lightweight concrete

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.

This product is to be installed as an under slab insulation only!

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.

Low-E™ Insulation • Low-E™ Housewrap • Low-E™ Slabshield

For more informations and a free sample of Low-E™ material, or for the dealer nearest you visit 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