



**LOW-E SLABSHIELD**

*Reduces your carbon footprint.*



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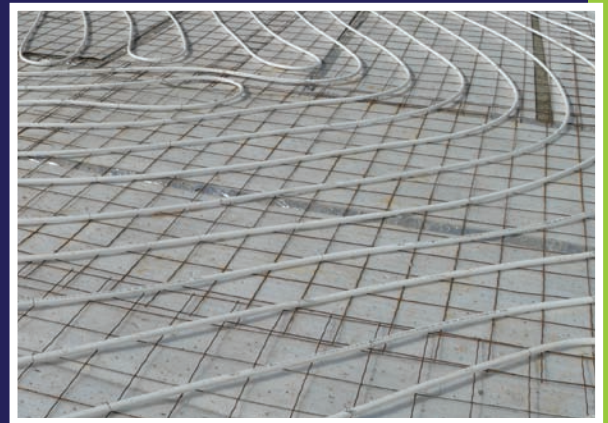
**The easiest and best way to stop heat transfer between ground and concrete slab for greater energy efficient living.**



Build energy efficient structures from the ground up by using revolutionary ESP LOW-E® SlabShield. Developed with the same ESP LOW-E® energy efficient technology that goes into all LOW-E Insulation products, SlabShield offers unique benefits not found in other under slab products. LOW-E SlabShield 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.

ESP LOW-E® SlabShield is designed with a layer of closed-cell polyethylene applied to both sides of a reflective foil layer. The closed cell doubles as a vapor barrier and a protection for the aluminum against chemical reaction with fresh concrete. LOW-E SlabShield is puncture resistant up to 93 psi and crush resistant up to 70 psi. Unlike other rigid under slab insulation, LOW-E SlabShield adjusts and molds itself to the contours of the grade providing a better and stronger concrete pour.

ESP LOW-E® SlabShield 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 SlabShield comes in rolls with innovative inter-locking tabs that provide a perfect seam when using several rolls side by side.



**BENEFITS OF ESP LOW-E® SLABSHIELD:**

- Decreases slab response time
- Excellent vapor barrier
- Interlocking tabs
- Convenient and lightweight
- Puncture resistance of 93 psi
- Crush resistance of 70 psi
- Closed cell (not bubble packaging)

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

PRODUCT NAME – ESP LOW-E® SlabShield

PRODUCT CODES – 4FSCB, 4FSFB

FINISHED DIMENSION – 48" Width, 63' Length (standard) Shipped in roll form.  
3/8" Product available upon special order.

PERM RATING – (based on 1/4" material) .05

FLAME AND SMOKE – Not applicable in this type installation

R-VALUE – \*ASTM C518-98: 2.9

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

\* Tested within concrete assembly

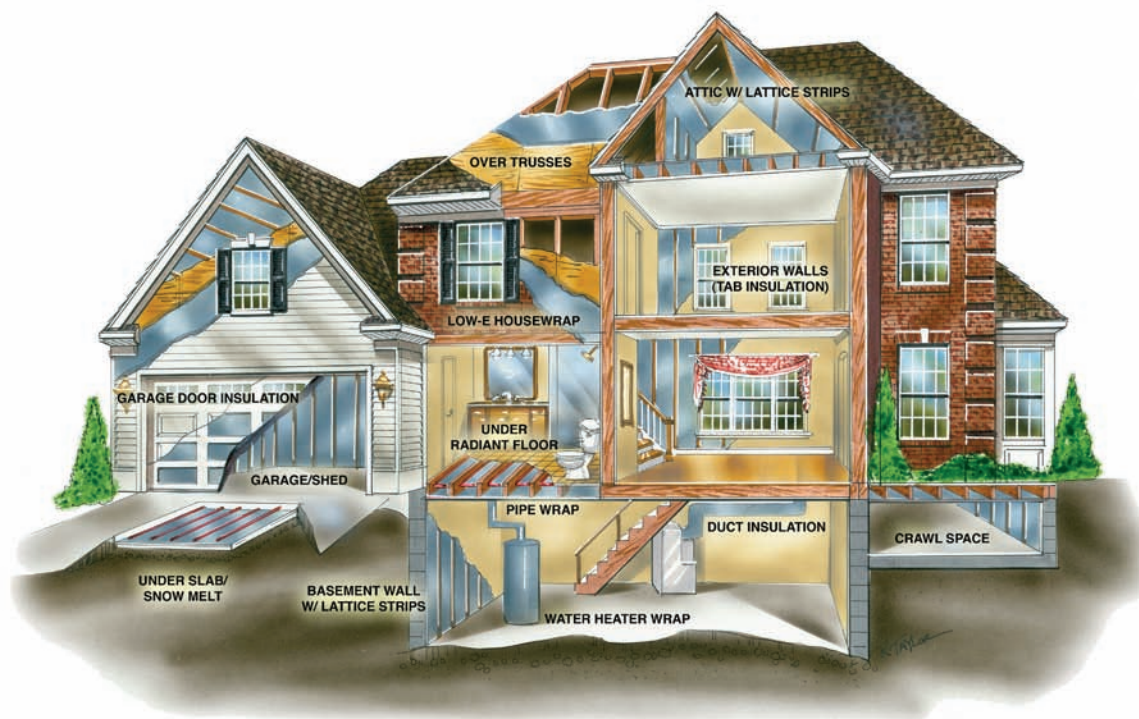
For detailed testing information please contact us at 1-800-289-5693.

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

WARNING: Although ESP LOW-E® Insulation Products are all ASTM fire tested; 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.

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



# LOW-E

**LOW-E SLABSHIELD**  
Reduces your carbon footprint.



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.



**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](http://www.low-e.com) or call 1.800.289.5693**

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

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