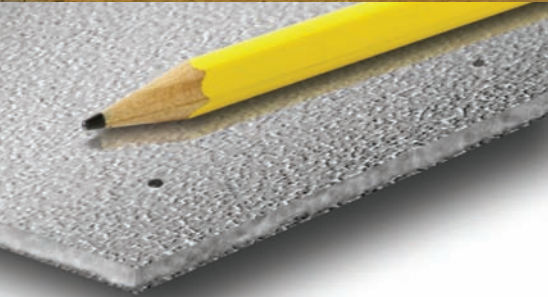


The housewrap upgrade that pays for itself.



In a space thinner than a pancake, you can dramatically improve a home's energy efficiency. Using the same reflective technology that protects NASA astronauts from the sun's searing heat, Low-E® Insulating Housewrap blocks 97% of radiant heat transfer through the walls – saving enough energy to pay for the upgrade in 3 years or less.

Siding Replacement

Energy efficiency and lowering heating and cooling costs are top priorities for American homeowners. Home improvement contractors can meet that demand with Low-E® housewrap. With Low-E®, an ordinary residing job – whether wood, vinyl, steel or fiber cement – becomes an energy-saving improvement that qualifies for up to \$1500 in Federal Energy Tax Credits.

New construction

You can meet tough standards for more energy-efficient construction without dramatically increasing your cost. Use conventional two-by-four framing and insulation but upgrade to Low-E® Insulating Housewrap for performance comparable to expensive six-inch wall systems.

High purity aluminum outer shell
Patented heat-welded construction
Polyethylene closed-cell foam core
Engineered to release water vapor

Environmentally Safe Products, Inc.

313 W. Golden Ln. New Oxford, PA 17350
Toll Free: 1-800-289-5693 Fax: 717-624-7089
www.low-e.com E-mail: sales@low-e.com

LOW-E
reflective insulation housewrap

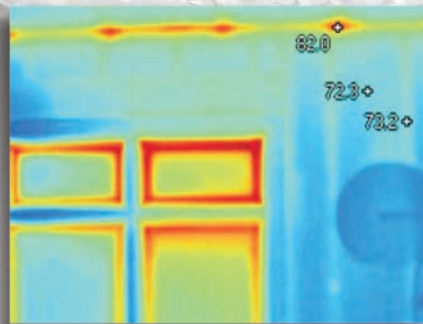
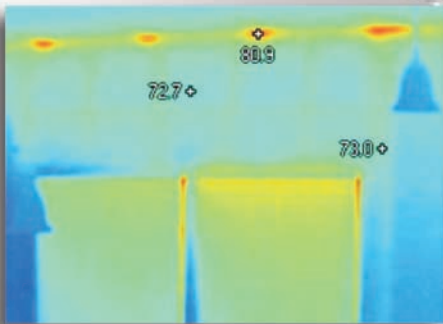
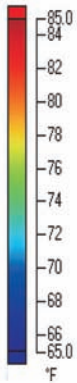
reflective insulation housewrap

House protected by Low-E®
Reflective Insulation Housewrap

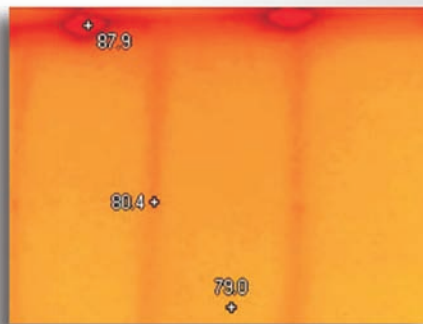
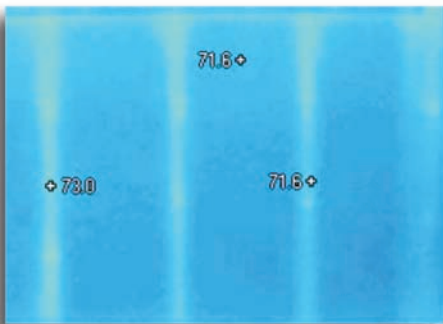
House with
conventional housewrap



Two Illinois homes built only 25 yards apart are virtually identical – with one key difference. One was built with Low-E® Reflective Insulation Housewrap, the other with traditional house wrap.



On an 85° summer day, the north-facing interior walls of both homes were photographed from inside with a heat-measuring infrared camera. The images showed that very little summer heat penetrated either of the properly-insulated walls.



The walls on the south side, where the sun shone directly on the house walls, told a different story. The wall protected by Low-E® all but stopped radiant heat transfer. The wall with traditional house wrap showed dramatic heat gain, absorbing heat and radiating it through the fiberglass insulation.

After 12 months, the homeowners compared energy bills. The Low-E® homeowner had saved more than \$250 compared to his neighbor. For most homeowners, the additional cost of upgrading to Low-E® is matched by energy savings within three years – even faster if energy costs continue to rise.

- PRODUCT CODES – 4PFNT, 4PFNS+, 5PFNT, 4PMPT, 5PMPT
- FINISHED DIMENSION – 48" x 125' (standard), 60" x 100' (special order).
Shipped in roll form. 1/8" product available upon special order.
- CORE MATERIAL – Polyethylene
- FACING – 99.4% Polished Aluminum non reinforced on one side
- PERM RATING – ASTM E - 96: 7 or 40 Grams/(day-m2) (based on single sided house-wrap)
- WATER RESISTANCE - ASTM D779: 9 hours
- FLAME AND SMOKE – ASTM E 84-97a Flame Spread: < 25 Smoke Developed: < 50
- R-VALUE – R-4* (R-values may vary depending on facing assembly)

*System R-values calculated by GEOSCIENCE LTD.

For detailed testing information: visit www.low-e.com or 800-289-5693.
This product is only to be installed as an exterior housewrap.

Low-E® Reflective Insulation Housewrap combines the benefits of a weather-resistant barrier with increased thermal performance. It's light, safe and easy to cut with a utility knife. It can be fastened with staples like an ordinary house wrap and stands up to rough handling.

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.

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