

House Wrap

COMMERCIAL & RESIDENTIAL APPLICATIONS



Exterior building wrap that combines a **water-resistant barrier** and **thermal break** for increased R-values.



KEY ADVANTAGES

- ▶ ICC Approved (ICC-ES Evaluation Report #3079)
- ▶ Increases system R-values
- ▶ Assists in meeting 2012 IECC Wall System code requirements
- ▶ Installed under all veneers, siding and stucco
- ▶ Creates a thermal break between exterior and studs
- ▶ Can replace conventional paper or fiber wrap materials (with the exception of under stucco)

Tape all vertical and horizontal seams with foil tape
(Refer to manufacturer's installation guide)



House Wrap (ICC-ES® Certified)

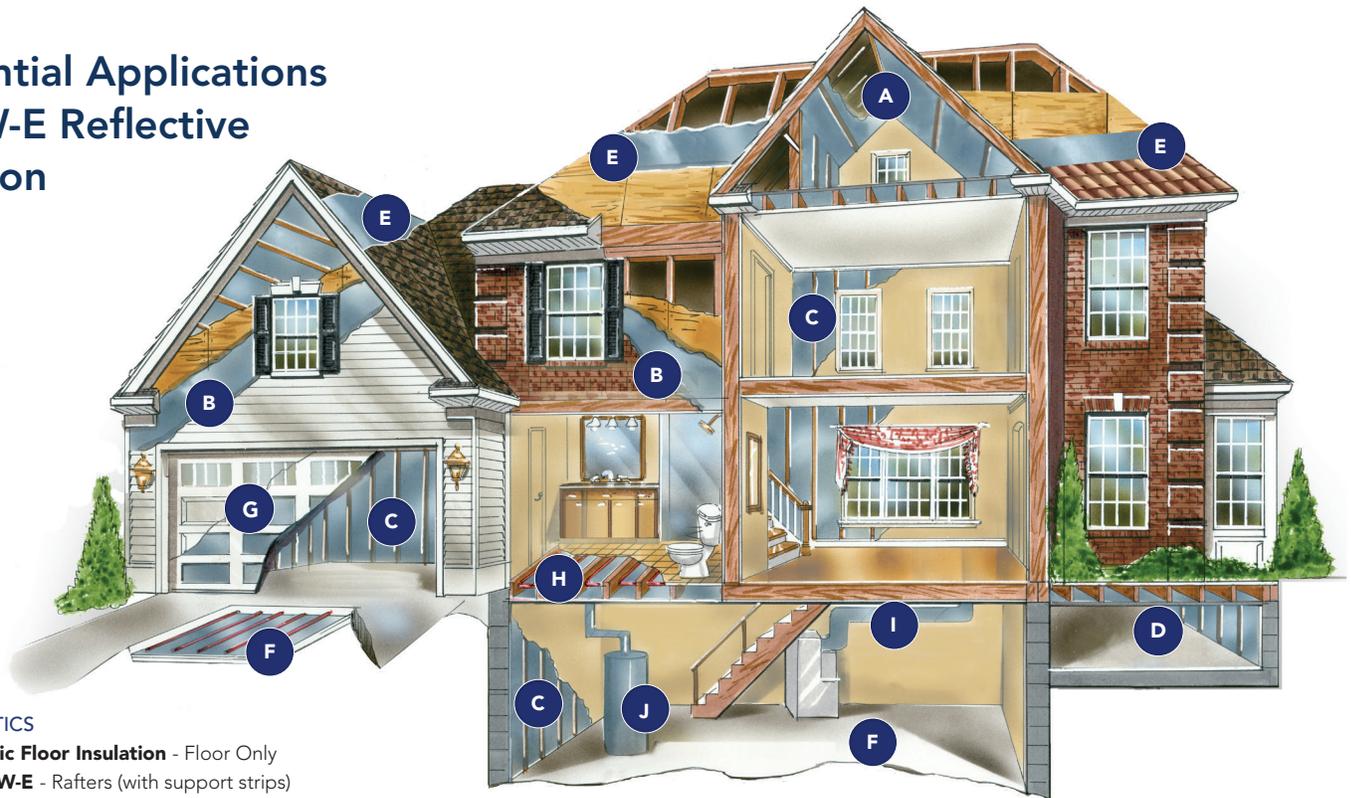


PRODUCT CODES:	4PFNS 6PFNS
DESCRIPTION:	Single-sided scrimmed aluminum foil laminated to polyethylene foam (perforated) 1/4" nominal thickness 2" foil overlap flange
DIMENSIONS:	500 sq. ft. 4' x 125' 6' x 84'
PERM RATING:	ASTM E-96 7 or 40 grams / (day-m ²)
WATER RESISTANCE:	ASTM D779 9 hours
FLAME & SMOKE:	ASTM E-84 FLAME SPREAD < 25 SMOKE DEVELOPED < 50
FULL SCALE FIRE TEST:	(Walls only) NFPA-286 (passed)
EMITTANCE:	ASTM C-1371 0.03
CORE RESISTANCE:	R-1.03
SYSTEM R-VALUE*:	R-4 (with reflective airspace)

*Horizontal heat flow behind vinyl siding with 0.375 inch airspace; ESP LOW-E® House Wrap attached to a nominal 1/2" wood sheathing. Report from GEOSCIENCE available upon request.

Tape all vertical and horizontal seams with foil tape (refer to manufacturer's installation guide).

Residential Applications of LOW-E Reflective Insulation



A ATTICS

Attic Floor Insulation - Floor Only
LOW-E - Rafters (with support strips)
Tab - Rafters & Trusses

B UNDER EXTERIOR FINISHES

ICC House Wrap - All Veneers & Stucco
ICC House Wrap - Siding

C WALLS

LOW-E / Micro-E - Basement Walls
Tab - Stud Cavities

E SUB-FLOORS

Tab / LOW-E / Micro-E - Basements, Crawl Spaces, Mid-Level Floors

E ROOF SYSTEMS

LOW-E / Micro-E - Draped across Rafters & Trusses
ICC Therma Sheet - Clay & Concrete Tile, Metal, Stone Coated Steel
ICC Therma Sheet - Under Composite Shingles (where approved)

F CONCRETE

Slab Shield - Under Concrete Slabs, Pavement, Snow Melt

G GARAGE DOORS

Class-A White / LOW-E

H RADIANT FLOORS

Slab Shield - Under Concrete
LOW-E / Tab - Wood Floors

I LOW-E / Duct Wrap

- Ducts & Pipe Wrap

J Water Tank Jacket Kit

- Water Heaters