

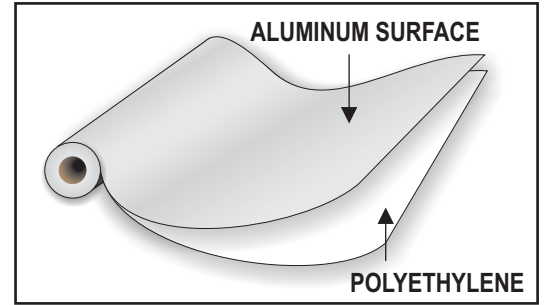
rFLEX™ RADIANT VAPOR BARRIER (RVB) (HOUSE WRAP)

TECHNICAL DATA

Product Description:

rFOIL™ Reflective House Wrap is a house wrap made up of a single layer aluminum surface laminated to a thick sheet of polyethylene for superior durability and performance. Reflective House Wrap helps in preventing water and air infiltration through residential wall assemblies, while at the same time allowing for the transmission of water vapor.

rFOIL™ Reflective House Wrap can increase the performance of existing wall insulation by up to 20%, while blocking up to 97% of radiant heat transfer. This translates into significant energy savings in terms of heating and cooling costs, in addition to providing a more comfortable living environment.



Stock Sizes Available (Rolls):

Size	54" X 200'
Part No.	3800-54-200P

Building Code Compliance:

rFOIL™ Reflective House Wrap is manufactured to meet the full intent of all major building codes.

Note: Good building practices include back priming of any porous siding before installation (such as wood, stucco, cement siding). We recommend that rFOIL™ RRR be covered as soon as practical to ensure its optimal performance as an air and moisture barrier.

Features:

- Made with a 97% reflective radiant barrier
- Thermal performance unaffected by moisture
- Increases existing insulation performance
- Inhibits mould and fungi growth
- Perm rating of 22
- Non-toxic & Non-carcinogenic
- Unrolls and cuts easily
- Insect and bird resistant
- Class 2/Class B fire rating
- Allows for breathability

Applications:

Reflective House Wrap is typically installed over wood or insulating sheathing, and under siding or other exterior coverings. It creates a protective barrier against air infiltration and unwanted liquid moisture. In addition to sealing out air, it is designed to allow damaging moisture to escape from inside the home or building.

Physical Properties	Test	Value
NOMINAL THICKNESS	—	0.011"
WEIGHT	—	0.42 oz / sq. ft.
FIRE RATING	ASTM E84-09	CLASS 2 / CLASS B
EMISSIVITY	ASTM C1371	0.03
REFLECTIVITY	ASTM C1371	0.97
WATER VAPOR PERMEABILITY	ASTM E96	22 Perms
TENSILE ELONGATION	ASTM D882-97	Machine Direction: 15 MPa
		Cross Direction: 16 MPa
TRAPEZOID TEARING	ASTM D1117	Machine Direction: 24 N
		Cross Direction: 27 N
WATER RESISTANCE	ASTM D779	0.4 kPa
AIR LEAKAGE RATE	TAPPI 460	3.5 sec./ 100 mL
BURST RESISTANCE	ASTM D751	110 kPa
LINEAR SHRINKAGE	ASTM D1204	NONE
PLIABILITY	CAN/CGSB-51.33-M89	NO CRACKING
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338-2000	DOES NOT PROMOTE GROWTH

