

▶ ENERGY SAVINGS

Atlas polyiso insulating sheathing adds R-value to your wall (system values as high as R-21.7, depending on type and thickness). Extra insulation added during construction saves energy and lowers heating and cooling costs every month, for the life of the home. Talk to your builder. This is one product that will pay for itself several times over.

▶ MOISTURE AND CONDENSATION CONTROL

With frequent severe differences between the temperature inside the house and the weather conditions on the outside, moisture and condensation are almost always possible. Wood based sheathing products tend to absorb moisture, and over time, damage can occur. Atlas polyiso insulating sheathing resists moisture and formation of condensation.

▶ VERSATILITY

When it comes to wood based sheathing, it's one size fits all. But Atlas offers a choice of four different insulating sheathings to better match your home's exterior finish. So whether it's brick, vinyl siding, stucco or anything else, Atlas makes a sheathing product that is custom engineered for your application.

▶ RESALE VALUE

Few people think about resale value when building a new home. But well-built, energy efficient homes always command a higher market value when the time comes to sell. Atlas high performance polyiso insulating sheathing is engineered to perform better than old fashioned wood sheathing. That translates into more dollars in your pocket if you ever decide to sell.

▶ ENVIRONMENTAL RESPONSIBILITY

There is a growing trend toward building "green" or environmentally friendly homes. Atlas has been an industry pioneer in the development of HCFC-free polyiso insulation with zero ozone depletion and zero global warming potential.

Atlas is proud to have been in the forefront of this trend and will continue to find ways to decrease our environmental footprint.

Product	Standard Thickness	in.	1/2"	5/8"	3/4"	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"
		mm.	13	16	19	25	38	51	64	76	89
Rboard®	R-value**		3.0	3.8	4.5	6.0	9.0	12.1	15.3	18.5	21.7
	RSI		.53	.67	.79	1.06	1.58	2.13	2.69	3.26	3.82
	Pieces/Pkg		42	34	29	22	15	24	19	16	13
	4' x 8' Size - Sq. Ft./Pkg		1344	1088	928	704	480	768	608	512	416
	4' x 9' Size - Sq. Ft./Pkg		1512	1224	1044	792	540	864	684	576	468
Energy-Shield®	R-value**		3.0	3.8	4.5	6.0	9.0	12.1	15.3	18.5	21.7
	RSI		.53	.67	.79	1.06	1.58	2.13	2.69	3.26	3.82
	Pieces/Pkg		45	36	31	23	15	24	19	16	13
	System R-value**		5.8	6.6	7.3	8.8	11.8	14.9	18.1	21.3	24.5
	4' x 8' Size - Sq. Ft./Pkg		1440	1152	992	736	480	768	608	512	416
Energy-Shield® Plus	R-value**		3.0	3.8	4.5	6.0	9.0	12.1	15.3	18.5	21.7
	RSI		.53	.67	.79	1.06	1.58	2.13	2.69	3.26	3.82
	Pieces/Pkg		45	36	31	23	15	24	19	16	13
	4' x 8' Size - Sq. Ft./Pkg		1440	1152	992	736	480	768	608	512	416
	4' x 9' Size - Sq. Ft./Pkg		1620	1296	1116	828	540	864	684	576	486
Stucco-Shield®	R-value**		3.0	3.8	4.5	6.0	9.0	12.1	15.3	18.5	21.7
	RSI		.53	.67	.79	1.06	1.58	2.13	2.69	3.26	3.82
	Pieces/Pkg		42	34	29	23	15	24	19	16	13
	4' x 8' Size - Sq. Ft./Pkg		1344	1088	928	736	480	768	608	512	416
	4' x 9' Size - Sq. Ft./Pkg		1512	1224	1044	828	540	864	684	576	468

* System R-value is the product R-value plus the 2.8 R-value as indicated in the ASHRAE Handbook Fundamentals, for 3/4" dead airspace with reflective foil one side. This information is for use in designing wall systems to comply with FTC Regulations.

** Conditioned thermal values were determined by ASTM Test Method C 518 at 75° F mean temperature. All test specimens were conditioned in accordance with procedures outlined in ASTM C 1289-07, Section 11.1.2.1

NOTE: Canada's CCMC has set all polyiso foam R-values at 6.0 per inch - straight line - for all available thicknesses. Published R-values are determined by ASTM C 518 as noted above.

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**INSULATION FOR
YOUR HOME
...AN INVESTMENT
IN YOUR
FUTURE**





A PRODUCT THAT PAYS YOU BACK

You've heard it already many times: your home is an investment. So doesn't it make sense to incorporate the latest technology and newest product innovations that will increase the value of your investment in future years? Atlas polyiso insulating sheathing offers superior thermal performance compared to wood based sheathing. You may have read some of the many reports about the rising cost and dwindling supply of some wood based sheathing. Now there's a powerful alternative. Atlas is an industry pioneer, being the first to develop products with both zero ozone depletion and zero global warming potential. Now Atlas has added high performance insulating qualities to the traditional concept of wall sheathing. The added R-value of Atlas insulating sheathing will save energy costs, year after year, throughout the life of your home. Consider it as the ultimate recession-proof investment!



HIGH PERFORMANCE PROSPECTUS

It is quite common, before making a major investment, to review a prospectus of the opportunity before writing your check. Atlas high performance polyiso insulating sheathing will provide a savings through reduced energy consumption costs when compared to conventional wood sheathing products. But instead of ROI, we want you to understand R-value. R-value was developed to represent the ability of an insulation material to resist heat flow. It is determined by placing test specimens between two plates in a laboratory apparatus and measuring heat-flow through the insulation. Higher R-values mean you will use less energy to heat and cool your home. Atlas polyiso insulating sheathing provides the same sealing qualities as old fashioned wood sheathing products, but offers the added benefits of high insulation value. This means you get extra insulation with little added cost and you save extra money throughout the life of your home.





YOUR POWER SOURCE



RBOARD®

Rboard® polyiso insulating sheathing is a non-ozone depleting, versatile substrate that can be used behind a variety of exterior cladding. Rboard® sheathing is a rigid polyiso foam insulation panel with a specially coated and patented facer on both surfaces. It is one of the most cost effective, energy efficient sheathing materials available in the marketplace. Builders who prefer the strongest available non-reflective faced polyiso insulation choose Rboard® for superior insulation qualities and easy installation. R-values range from 3.0 to 21.7, depending on thickness. Rboard® is available for imprinting with your company name and is available in a variety of thicknesses.



ENERGY SHIELD®

Energy Shield® polyiso insulating sheathing is non-ozone depleting and is the most cost effective, energy efficient sheathing material available in the marketplace. R-values range from 3.0 to 21.0 (at 3.5 inches), depending on thickness. Energy Shield® offers several “green” qualities, including zero HCFCs. When properly installed, Energy Shield® sheathing will provide added insulation and yield immediate energy savings.

Energy Shield® sheathing is a rigid polyiso foam insulation panel with trilaminate facers (foil-kraft-foil) on the top side and a trilaminate or solid foil facer on the unprinted back side. Energy Shield® complies with the Model Energy Code and is available in a variety of thicknesses.



ENERGY SHIELD® PLUS

Energy Shield® Plus polyiso insulating sheathing is non-ozone depleting and is the most cost effective, energy efficient sheathing material available in the marketplace. Builders who prefer a non-reflective facer choose Energy Shield® Plus for superior insulation qualities with easy installation. R-values range from 3.0 to 21.0, depending on thickness.

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ATLAS ROOF SHEATHING

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Energy Shield® Plus sheathing is a rigid polyiso foam insulation panel with a non-reflective trilaminate facer (foil-kraft-foil) on the top side and a trilaminate or solid foil facer on the unprinted back side. Energy Shield® Plus complies with the Model Energy Code and is available in a variety of thicknesses.

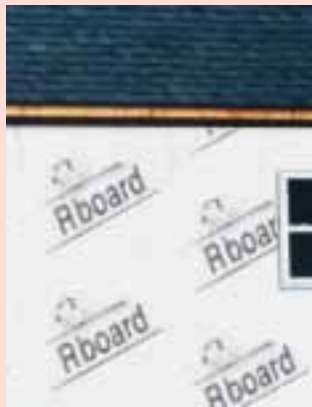


CAVITY WALL

Energy Shield® for use in cavity wall is a non-ozone depleting, rigid polyiso foam board insulation manufactured with a triplex facer (foil-kraft-foil) on both sides and a foil or triplex facer on the unprinted back side.

Cavity Wall with its high R-value and moisture resistance installs into the narrow cavities of masonry construction. The optional 16" and 24" widths fit between the masonry ties. Block masonry walls' efficiency can also be supplemented for greater thermal resistance by the installation of Energy Shield®, on the interior or the exterior side.

The stability provided by the thermoset foam core assures optimum performance at all extremes of temperatures found in a normal structure. When the board joints are sealed with a self adhering, flashing grade tape, the Energy Shield® envelope also acts as an air barrier. Energy Shield® can also be used in foundation underslab applications.



ROOFING CORPORATION AND INFORMATION

WEATHERING



STUCCO-SHIELD®.....

Stucco-Shield® specialty polyiso insulating sheathing is non-ozone depleting and is used as a substrate for polymer type and hard stucco coat systems. It is one of the most cost effective, energy efficient sheathing materials available in the marketplace. Builders who prefer a heavy coated facer for their stucco applications rely on Stucco-Shield®, the strongest available coated, non-reflective, faced polyiso insulation panel available in the marketplace. R-values range from 3.0 to 12.1, depending on thickness.

Stucco-Shield® specialty sheathing is a rigid polyiso foam insulation panel with a specially coated and patented facer on both surfaces.

Factory Mutual Research Specification Tested Per ASTM E 84 Test Method Report J.I. 3009226
Atlas Roofing Corporation



Energy Shield®, Energy Shield® Plus, Rboard®, Stucco-Shield®
Tested with Facings Removed

Foam Density 1.5 - 1.9 PCF (24-30kg/m3) core
ASTM E 84-98 FIRE TEST RESULTS
1/2" Thru 4" Thickness (13 to 102 mm Thickness)

Flame Spread - 75 or less

Smoke Density - 450 or less

These numerical values are not intended to reflect hazards presented by this material under actual fire conditions.

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What you should know about R-values: R means resist. R-value, the greater the insulating power. Compare ins. There are other factors to consider. The amount of insu on the climate you live in. Also, your fuel savings from climate, the type and size of your house, the amount of and your fuel use patterns and family size. To get the mar insulation be installed properly.

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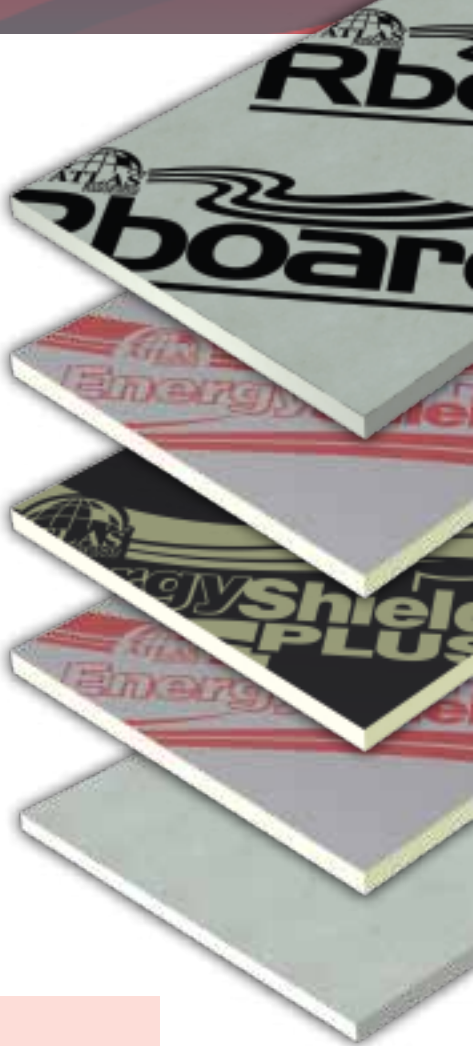
RBOARD®

ENERGY SHIELD®

ENERGY SHIELD®
PLUS

ENERGY SHIELD®
CAVITY WALL

STUCCO-SHIELD®



MAKES SENSE

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ulation R-values before you buy.
ulation you need depends mainly
insulation will depend upon the
insulation already in your house,
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