

This fact sheet contains important information about R-Shield® brand insulations. These products, manufactured by Premier Building Systems, are made of expanded polystyrene foam insulation. R-Shield expanded polystyrene insulation rigid board foam plastic is for all types of industrial, packaging, and construction uses. R-Shield insulation meets ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

BOARD COVERAGE AREA			
Standard Size (ft)	2 x 8	4 x 8	4 x 9
Coverage per board (sq. ft)	16	32	36

Note: Other sizes can be supplied to meet project requirement.

READ THIS BEFORE YOU BUY


The chart shows the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulation power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you’ll save on fuel.

To get the marked R-value, it is essential that this insulation be installed properly.

Notice: R-Shield EPS Insulation contains a flame retardant; however, it should be considered combustible and should not be exposed to sources of ignition. This product will ignite when exposed to open flame or welding torches. It should be installed with code-acceptable thermal barriers or used in approved alternative constructions.

Premier Building Systems will not be responsible for building design and will accept no responsibility for the performance of its products when damage results from improper building design, construction faults, or defective workmanship.

R-VALUE (75°F MEAN TEMPERATURE)				
Thickness				
	1”	2”	3”	4”
100	3.9	7.7	12	15
130	3.9	7.8	12	16
150	4.2	8.3	13	17
250	4.4	8.7	13	17
400	4.4	8.7	13	17
600	4.5	8.9	13	18

Note: Other thicknesses can be supplied to meet any R-value requirement.