



FTC Fact Sheet

EnergyShield® Polyisocyanurate Insulation

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This fact sheet contains important information about EnergyShield polyisocyanurate insulation manufactured by Atlas Roofing Corporation. The standard size for insulation board is a 4'x8' sheet with total coverage of 32 square feet.

INSULATION BOARD R-VALUES

FOIL FACED POLYISO THERMAL DATA

| NOMINAL BOARD THICKNESS ³ | 0.5" | 0.75" | 1.0" | 1.5" | 1.6" | 2.0" | 2.5" | 3.0" | 3.5" | 4.0" |
|--------------------------------------|------|-------|------|------|------|------|------|------|------|------|
| R-VALUE ^{1,2} | 3.3 | 5.0 | 6.5 | 9.8 | 10.5 | 13.1 | 16.0 | 19.7 | 22.2 | 26.0 |

COATED GLASS FACED POLYISO THERMAL DATA

| NOMINAL BOARD THICKNESS ³ | 0.5" | 0.75" | 1.0" | 1.5" | 2.0" | 2.5" | 3.0" | 3.5" | 4.0" |
|--------------------------------------|------|-------|------|------|------|------|------|------|------|
| R-VALUE ^{1,2} | 3.0 | 4.5 | 6.0 | 9.0 | 12.1 | 15.3 | 18.5 | 21.7 | 25.0 |

¹ Thermal values were determined by ASTM C518 Test Method C 518 at 75°F mean temperature using materials conditioned in accordance with ASTM C1289.

² "R" means resistance to heat flow. The higher the R-value, the greater the insulation power.

³ Other sizes available upon request. Contact your local Atlas sales office.

READ THIS BEFORE YOU BUY

What You Should Know About R-values

The chart shows the R-values 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, your fuel use patterns and family size, proper installation of your insulation, and how tightly your house is sealed against air leaks. 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.



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