



## SPRAY POLYURETHANE FOAM SYSTEM



InsulStar is a spray-in-place closed cell polyurethane foam insulation marketed for use in residential construction. All insulation systems provide R-Value, the resistance to heat flow by thermal diffusion. In addition to a high R-value InsulStar can also provide the air barrier, moisture vapor retarder and water resistive barrier. This gives you far greater value for your insulation dollar than fiber based insulations or alternate multiple product systems.

InsulStar is listed in UL Fire Resistive Design U391.

R <sup>*</sup> Values	
Thickness	R Value (°F·hr·ft <sup>2</sup> / Btu)
1"	6.8
2"	13
3.5"	22
8"	51
12"	77

\* Note: As with all insulating materials, the R value will vary with age and use conditions.

Property	Test Method	Test Condition	Result
Air Leakage	ASTM E 283	Infiltration @ 1.57 psf	0.0000 cfm/ft <sup>2</sup>
		Exfiltration @ 1.57 psf	0.0000 cfm/ft <sup>2</sup>
Water Resistance	AATCC 127-1998	@ 56.5 ft	No failure
	ASTM E331	6.24 psf	No Penetration
Permeance	ASTM E 96	Desiccant	1.3 perm-inch

### Read This Before you Buy

#### What you should know about R values

The chart shows the R value of this insulation. R means resistance to heat flow. The higher the R value, the greater the insulating 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.