

**A two-component, open celled, spray-applied, water blown rigid polyurethane insulation foam.**



## DESCRIPTION

SoyTherm® 100 spray insulation is a two-component, semi-open celled, spray-applied, water blown rigid polyurethane insulation foam. It is made from soybeans and contains no ozone-depleting chemicals, VOC's, formaldehyde, or asbestos. SoyTherm® 100 requires less energy to produce than spray foams made of petroleum products.

### Typical Physical Properties

TEST	METHOD
<b>Density: 0.95-1.05 pcf</b>	<b>ASTM D1622</b>
<b>Thermal Conductivity: 4.4 F.ft2.h/Btu.in</b>	<b>ASTM C518</b>
<b>Burn Characteristics:</b>	<b>ASTM E84</b>
<b>Fire Rating: Class 2</b>	
<b>Flame Spread: 35</b>	
<b>Smoke Developed Index: 450</b>	
<b>Fuel Contribution: 0</b>	

### RECOMMENDED SPRAY CONDITIONS

<b>Primary Heater Range: 120-165 degrees F</b>
<b>Hose Temperature Range 120-165 degrees F</b>
<b>Pressure Conditions: 900-1300 psi</b>
<b>Component Temperatures: &gt;70 degrees F</b>

**Insulate today with an American grown and made product!**

### Liquid Component Properties

PROPERTY	ISOCYANATE	RESIN
	A-Side	B-Side
<b>Viscosity (at 25 0C)</b>	<b>200cps</b>	<b>500 cps</b>
<b>Specific Gravity</b>	<b>1.23</b>	<b>1.09</b>
<b>Shelf Life</b>	<b>3 months</b>	<b>3 months</b>
<b>Mixing ratio (volume)</b>	<b>100</b>	<b>100</b>
<b>Shipping/Storage/Handling</b>	<b>Keep from freezing and moisture</b>	<b>Keep from prolonged storage above 100 F</b>

### GENERAL INFORMATION

It is recommended, for optimal performance, that the resin component be mixed continuously during application. This will ensure the consistency of the spray material and provide the best properties of the finished product.

The information contained herein is to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred.



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**S Y S T E M S**™

Easing the carbon footprint.