



## AIRTIGHT SPRAY FOAM SYSTEMS (SPS I .5LB)

### PRODUCT DESCRIPTION

Airtight .5lb soft polyurethane foam is a water blown, low density, two component system specifically designed for spray operations to produce a soft polyurethane foam insulation for use between studs in wall construction and surfaces requiring excellent thermal insulative properties. Properly installed, it eliminates air movement and resists attack by moisture, crude oil, and most commonly used chemicals and solvents. It is 100% CFC/HCFC free and is based on sucrose polyol technology. AirTight soft polyurethane foam A Component is a polymeric isocyanate containing reactive isocyanate groups. AirTight soft polyurethane foam B Component is a combination of polyois, catalytic agents, and blowing agents. It is pumped in a 1 to 1 ratio by volume.

### CREDENTIALS AND CERTIFICATIONS

All Airtight SprayFoam systems satisfy the Class I flammability criteria, as set forth under Underwriter Laboratories (UL 723, ASTM E-84-77A, UBC 42-1), and possess the flammability characteristics below:

Flame Spread .....20  
Smoke Development .....325

Rated for AirTight SprayFoam SPS I .5lb

This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions. For proper use refer to the following codes or guides

- Southern Standard Building Code, Section 2603
- BOCA Basic Building Code, Section 2603
- ICBO Uniform Building Code, Section 2602
- ICBO Uniform Building Code, Section 1712
- Meets the requirements of the State of California Bureau of Home Furnishings and Thermal Insulation, Registration # CA-T352.

### TYPICAL PROPERTIES

Mix Ratio Parts by Weight 1:1 A component to B component  
Viscosity at 73 Degrees F 375 cps "B" component

### PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>
In Place Density	ASTM D-1622	0.5 lbs/cu ft
Compressive Strength	ASTM D-1621	0.08 psi
K-Factor	K-Factor	.281
Dimensional Stability	ASTM D-2126	
-5 Degrees F -0.45		-2.0%
212 Degrees F -2.0%		
158 Degrees F >90 RH		-6.0%
R-Value per inch	ASTM C-518	3.6
Sound Transmission Class		39
Noise Reduction Coefficient		75

\* To serve only as a guide. Values shown are average values obtained from laboratory specimens.\*