



1318-C Olympic Court, Conyers, GA 30012 • 800.995.9466

AIRTIGHT SPRAY FOAM SYSTEMS (SPS 1 2.7LB)

PRODUCT DESCRIPTION

Airtight rigid polyurethane foams are technically advanced, low viscosity, two component systems specifically designed for spray operations to produce a rigid polyurethane foam insulation for use between studs in wall construction and surfaces requiring excellent thermal insulative properties. Properly installed, the finished foam insulation resists attack by moisture, crude oil, and most commonly used chemicals and solvents. Airtight SprayFoam A Component is a polymeric isocyanate containing reactive isocyanate groups. Airtight SprayFoam B Component is a combination of polyols, 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 Spread20
Smoke Development275

Rated for AirTight SprayFoam SPS 1 2.7lb

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
Cream Time	2-3 seconds
Tack Free Time	7-8 seconds
Rise Time	12-14 seconds
Core Density	2.4 +/- .05 pcf
Viscosity at 73 Degrees F	350 cps "B" component

PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>
In Place Density	ASTM D-1622	2.7
Compressive Strength		
Parallel to Rise	ASTM D-1621	52 psi
Perpendicular to Rise		33 psi
Tensile Strength	ASTM D-1623	78 psi
Shear Strength	ASTM C-273	54 psi
Closed Cell Content	ASTM D-2856	>92%
R-Value	7.0 per inch	
Moisture Vapor Transmission	.87 for 2 inches	

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