



Leading the Industry in Sustainable Roofing Products and Practices

3009-3 Spray Polyurethane Foam Roof System

TECHNICAL DATA

PRODUCT DESCRIPTION

Spray polyurethane foam roof systems are two-component systems designed for spray applications to produce a rigid polyurethane foam. 3009-3 is a combination of polyols, catalytic agents, and 245 FA. B-side Resin contains a combined 18% recycled and agri-based content.

Typical Handling Characteristics

Viscosity, cps @ 20°C (B-side)	650	ASTM D-1638
Specific Gravity, @ 20°C (B-side)	1.16	ASTM D-1638
Mixing Ratio by Volume (A + B)	1:1 with PMDI	
Spray Reactivity		
Tack Free Regular Speed	7 seconds	

Typical Physical Properties In Place

Density, Core, lbs/cu.ft.	2.8	ASTM D-1622
Compressive Modulus, psi	>40	ASTM D-1621
Closed Cell Content, %	>90	ASTM D-6226
Thermal Conductivity, BTU/hr ft ² °F/in		ASTM C-518
k Factor @ 77°F. init.	0.15-0.17	
Humid Aging, % Volume Change, 158°F. 100% RH		ASTM D-2126
28 Days	+2.5% (+/-1%)	
Cold Aging, % Volume Change, -20°F		ASTM D-2126
1 Day	<1	
7 Days	<1	
Heat Aging, % Volume Change, 200°F		ASTM D-2126
1 Day	<1	
7 Day	<2	
14 Days	<3	
28 Days	<3	
Tensile Strength, psi	60-70	ASTM D-1623
Flame Spread	Class A	ASTM E-108

This data reflects the performance of these foams by a laboratory scale burning and are not to be treated as fire hazard classifications and are not intended to reflect hazards presented by this of any other material under actual fire conditions. 5/11

system **14**TM
The Only Total Silicone Roof That Makes Total Ecological Sense

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