



Elastomeric Roofing Systems, Inc

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Spray Foam Insulation Kit Product Data Specification

TYPICAL PHYSICAL PROPERTIES

Density (pcf)	ASTM D-1622	2.75 plus or minus .1
K Factor	ASTM C-177	.12
R Factor	ASTM C-177	8.33
Compressive Strength (psi)	ASTM D-1621	
Parallel @ 10%		44.9
Perpendicular @ 10%		36.6
Tensile Strength (psi)	ASTM D-1623	
Parallel		62.9
Perpendicular		56.2
Shear Strength (psi)	ASTM C-273	
Parallel		33.4
Perpendicular		37.5
Water Absorption	ASTM D-2842	0.03%
Water Vapor Transmission	ASTM D-2127	3.01 Perm
Closed Cell Content	ASTM D-2856	>97%
Dimensional Stability	ASTM D-2126	
% Volume Change, 158°F, 100% Humidity, 14 days		4.5%
% Volume Change, -20°F, 14 days		0.0%
Flamespread	ASTM E-84	N/A
Smoke Density	ASTM E-84	N/A
Rise & Tack Free Time		Approx. 30-45 sec.
Yields:		
Spray Kit 120 – 10 cu ft – 120 board feet		
Spray Kit 400 – 33 cu ft – 400 board feet		

DESCRIPTION & USES

The Spray Foam Kit from ERSystems produces high quality roofing foam of 2.75 lb/ft³ density. The Spray Foam Insulation Kit is a very versatile two-component urethane foam package for ease of use. The system comes ready to use with hoses and application gun along with the two foam canisters. The spray foam is designed for ease of application in repairing defects to spray polyurethane roofs, as an economical night seal with single-ply roofing installations, as an excellent sealer of gaps on metal roofs (ridge vents, penetrations, etc.), and a wide variety of sealing and insulating possibilities.

PACKAGING

Spray Foam Insulation Kit – 400
Produces 400 board feet from 33 cu ft, 112 lbs.

Spray Foam Insulation Kit – 120
Produces 120 board feet from 10 cu ft, 38 lbs.

APPLICATION

See operating and application instructions, which accompany each kit.

Once the system is set up per instructions application can begin. Application temperature is critical to performance achieved. Material should be between 70°F and 80°F for best results. Hold the gun approximately 1 ½ - 2 feet from the target to be foamed. Use a paid paint spraying technique. Read all instructions carefully for set-up, application and operation, storage and re-use.

LIMITATIONS

If foam is applied so it remains open to sunlight it must be protected with one of the UV resistant coatings systems from ERSystems: Eraguard 1000 acrylic, Erathane 300 urethane, Erakote urethane or Eraguard 4000 silicone.

CAUTION!!!!

Read all cautions enclosed in literature with the Spray Foam Insulation Kit.

- Tanks are pressurized. Do not puncture or incinerate. Vent after use.
- Polymeric isocyanate and polyamines are aggressive chemicals. Gloves, goggles and respiratory equipment are required.
- Use only with adequate ventilation.
- Do not store at temperatures above 100°F.
- Do not reuse canisters.

WARRANTY

IMPORTANT: While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the

products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ERSystems' sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**PRIOR TO USE OF THIS MATERIAL, READ ALL
APPROPRIATE MATERIAL SAFETY DATA
SHEETS.**