

Seal-Tek Quick Foam

Overview

Seal-Tek Quick Foam is a low-pressure, high-density, two-component spray polyurethane foam (SPF) for various roofing applications. This material can be used to make repairs to SPF roofing systems and to seal and flash details for many coating restoration projects. It can be used to fill voids, cavities, and penetrations around equipment and new units or penetrations in existing roofs. It is also useful as a night or temporary seal.

Features and Benefits

- Easy-to-use kits eliminate the need for large plural-component spray equipment
- Great for small repairs or sealing projects
- Quick curing
- Excellent insulation value

Coverage Rate

Single-Package – 2-component
115 sq. ft. (10.7 m³) @ 1 inch (2.5 cm) thickness

2-Cylinder – 2-component
340 sq. ft. (31.6 m³) @ 1 inch (2.5 cm) thickness

Installation

1. Pre-condition the Seal-Tek Quick Foam to 75°F to 85°F (21°C to 29°C). Liquid product in tank must meet temperature restrictions for best use.
2. Shake both A and B tanks for 1 to 2 minutes before use. Push in top front panel to open and pull down flap for dispensing unit hose assembly. Remove nozzle packet and read instructions.
3. Open top flap of box to expose cylinder valves. Extend and attach dispensing unit hose assembly.
4. Thread red coded hose to A-component cylinder and black coded hose to B-component cylinder and tighten with wrench. Open the valves completely by turning the valves counter clockwise. Cylinder valves must remain upright during use.

5. Attach nozzle to dispensing spray gun. Spray test shot without mixing tip to ensure equal A and B flow is achieved into receptacle. This will ensure proper foam mix and cure. Once the trigger is released, it must be reactivated within 20 seconds or a new nozzle must be installed. Do not remove hoses from cylinders unless tanks are fully empty and pressure is released from the gun, hose, and tanks.
6. After application, Seal-Tek Quick Foam must be coated with SeamsSEAL® Acrylic or SeamsSEAL ULTRA Silicone Coatings or mastics within 24 hours of the foam application.

Review Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Please contact CRFC for more information.

Precautions

- Wear proper PPE safety equipment per Safety Data Sheet (SDS).
- Substrates should be clean, free of dirt, oils, loose material, and other contaminants and must be dry.
- Take care when applying excessive layers of Seal-Tek Quick Foam at one time. Continuous application(s) thicker than 4 to 5 inches may build up excessive heat from the reaction/exotherm of the SPF.
- Do not flush hoses with air, water, or solvents. Removing and/or cleaning hoses may compromise the foam.
- Do not expose the kits or cylinders to open flame or temperatures above 90°F (32°C).
- Protect all surrounding surfaces that are not to receive the foam application.
- Shelf life is 12 months from date of manufacture in unopened containers, if stored in a dry area at 40°F to 90°F (4°C to 32°C). Storage outside this temperature range can shorten shelf life.

Typical Physical Properties

Property	Test Method	Seal-Tek Quick Foam
Compressive Strength	ASTM D1621	40 psi (275 kPa)
Tensile Strength	ASTM D1623	40 psi (275 kPa)
Thermal Resistance – R-Value	ASTM C518	5.2 aged at 1 inch thickness
Dimensional Stability	ASTM D2126	<5%
Closed Cell Content	ASTM D2856	95%
Density-Free Rise	ASTM D1622	3.10 lbs. /ft ³ (50 Kg/m ³)
Fire Resistance – 2 in.	ASTM E84	15 FSI – 450 SDI
Tack Free – Expansion Time		30–60 seconds
Cure Time		5–60 minutes

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shipping Information

Container Size	Gross Weight
Box	41 lbs. (18.6 Kg)
Cylinders	115.7 lbs. (52.5 Kg)

