



VFI®-735 HFO Spray Polyurethane Foam

VFI®-735 HFO Spray Polyurethane Foam is a 3 pounds per cubic foot density HFO blown roofing foam that is designed to be top coated and provide roofing insulation. Three separate speed options of Summer, Fall, and Winter provide an easy to spray smooth foam in any condition. 735 roofing foam when sprayed will create a seamless monolithic roof and with the use of an approved topcoat will fully waterproof and insulate the roof.

→ Technical Usage

VFI®-735 HFO Spray Polyurethane Foam has been used in the following applications and may be used in many more applications. Contact Volatile Free, Inc. for more information on any specific applications.

- Air Conditioning Coil Insulation
- Liquid Applied Roofing

→ Color

Standard color available is neutral. For additional premium colors or color matching services contact Volatile Free, Inc.

→ UV Stability

This product is **NOT** UV color stable and has no long-term UV testing. For additional information contact Volatile Free, Inc.

→ Coverage/Thickness Requirement

Contact Volatile Free, Inc. for thickness requirements and specifications.

→ Storage Stability/Shelf Life

12 month shelf life from date of manufacture when stored and sealed in unopened containers between 40°F - 75°F. Opened containers may be resealed with a nitrogen purge, but shelf life will be significantly shortened. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

For instructions and equipment requirements, contact Volatile Free, Inc.

→ Surface Preparation

All surfaces should be cleaned, prepped and free of any oils, dirt or debris. Contact Volatile Free, Inc. with any additional questions.

→ Mixing

Pre-mixing Poly (B) components until uniform is required before spraying. Mix times vary depending on volume and mixing method. Please contact Volatile Free, Inc. for more information on any specific mixing questions and requirements.

→ Material Application

Temperature should be between 50°F - 100°F when the product is being used. The pot life will shorten with any increases in temperature beyond 72°F. Contact Volatile Free, Inc. for more information on recommended release agents or sealants.

→ Primers

Contact Volatile Free, Inc. with any primer questions.

→ Cleanup Solvent

Preferred cleanup solvent is xylene or MEK. Please contact Volatile Free, Inc. for more information on cleanup of equipment and tools.

→ Thinning






Do not thin prior to application.

→ Precautions

This product contains a chemical blowing agent and should be kept out of direct sunlight to prevent the buildup of pressure. Release bungs slowly before use to relieve any built-up pressure within the container. Contains isocyanate that may be irritating to the skin and is toxic if inhaled as particulate matter. See Safety Data Sheet for complete safety data. Do not add any foreign material to this product. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.

VFI®-735 HFO SPRAY POLYURETHANE FOAM

Application Method

 SPRAY	 QWIK SPRAY	 BRUSH	 TROWEL	 ROLLER	 INJECTABLE	 POUR
X	-	-	-	-	-	-

Physical Properties

Tensile Strength	75 psi
Solid Material Density	2.75 PCF
Closed Cell Content	91%
Thermal Resistance	6.9
Water Vapor Permeability	1.1 perm
Water Absorption	<1.00

Liquid Properties

Liquid Density A Side	10.18 lbs/gal
Liquid Density B Side	9.73 lbs/gal
Mixed Liquid Density	9.96 lbs/gal
Specific Gravity A Side	1.22 g/mL
Specific Gravity B Side	1.16 g/mL
Specific Gravity Mixed	1.19 g/mL
Ratio by Volume (A:B)	1A:1B
Viscosity A Side	175 cps
Viscosity B Side	1,200 cps
Cream Time	10 seconds
Rise Time	40 seconds
Tack Free	29 seconds

Packaging



DRUM

Testing & Approvals



 VOLATILE FREE, INC.

19500 JANACEK COURT | BROOKFIELD, WI 53045 | (262) 787-0400 | TOLL-FREE (800) 307-9218 | FAX (262) 787-0500 | INFO@VOLATILEFREE.COM

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