



VFI®-727 HFC Spray Polyurethane Foam

VFI®-727 HFC Spray Polyurethane Foam is a 3 pounds per cubic foot density HFC blown roofing insulation foam that is designed to be top coated. With excellent adhesion to most substrates, VFI-727 can coat almost any type of roof. Different speed variations are available to make the spray polyurethane foam accessible no matter where or when you spray. When used with a VFI approved top coat, VFI-727 will create a seamless monolithic roof that is fully waterproofed and insulated.

→ Technical Usage

VFI®-727 HFC 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.

→ HFC Regulations

VFI®-727 HFC Spray Polyurethane Foam is **NOT APPROVED** for use in the states of California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Washington, Wyoming, Vermont, and Virginia. Contact Volatile Free, Inc. for additional information.

VFI®-727 HFC SPRAY POLYURETHANE FOAM

Application Method

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

Physical Properties

| | |
|--------------------------|----------|
| Tensile Strength | 101 psi |
| Solid Material Density | 2.75 PCF |
| Closed Cell Content | 98% |
| Thermal Resistance | 6.6 |
| Water Vapor Permeability | 1.1 perm |
| Water Absorption | <1.00 |

Liquid Properties

| | |
|-------------------------|---------------|
| Liquid Density A Side | 10.25 lbs/gal |
| Liquid Density B Side | 9.50 lbs/gal |
| Mixed Liquid Density | 9.83 lbs/gal |
| Specific Gravity A Side | 1.23 g/mL |
| Specific Gravity B Side | 1.14 g/mL |
| Specific Gravity Mixed | 1.18 g/mL |
| Ratio by Volume (A:B) | 1A:1B |
| Viscosity A Side | 1,500 cps |
| Viscosity B Side | 950 cps |
| Cream Time | 6 seconds |
| Rise Time | 12 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

This information and technical advice provided herein are believed to be reliable and accurate to the best knowledge of Volatile Free, Inc., as based on tests and should serve only as a recommendation. As the manufacturer, Volatile Free, Inc. makes no representations or warranties of any kind, expressed, implied or statutory, including but not limited to all implied warranties of merchantability or fitness for use or a particular purpose, or any other matter with respect to this product. Volatile Free, Inc. makes no representations or warranties as to the results of the use of the product and assumes no obligation or liability in connection therewith. Volatile Free, Inc. is not liable for any special, exemplary, punitive, incidental or consequential damages of any sort or kind from use of this product. The information provided herein is subject to change at any time without notice. Information changes may include, but are not limited to, commercial and technical changes, changes in pricing, physical characteristics and packaging.