



VFI®-851 Polyurethane Foam Adhesive

VFI®-851 Polyurethane Foam Adhesive is a water blown urethane foam that is applied in beads to hold down insulation panels with little pressure needed. VFI-851 has a quick rise time and cure time allowing for more square footage to be covered in a single day without the use of solvent or water based adhesive. VFI-851 Polyurethane Foam Adhesive can adhere, with great adhesion, to many different types of substrates.

→ Technical Usage

VFI®-851 Polyurethane Foam Adhesive 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.

- 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 injecting or spraying. Mix times may 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 reaction time will shorten with any increases in temperature beyond 72°F. Contact Volatile Free, Inc. for more information on material applications.

→ 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

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®-851 POLYURETHANE FOAM ADHESIVE

Application Method

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

Liquid Properties

| | |
|--------------------------------|---------------|
| Solids by Weight | 100% |
| Solids by Volume | 100% |
| Liquid Density A Side | 10.16 lbs/gal |
| Liquid Density B Side | 9.16 lbs/gal |
| Mixed Liquid Density | 9.66 lbs/gal |
| Specific Gravity A Side | 1.22 g/mL |
| Specific Gravity B Side | 1.1 g/mL |
| Specific Gravity Mixed | 1.16 g/mL |
| Ratio by Volume (A:B) | 1A:1B |
| Viscosity A Side | 145 cps |
| Viscosity B Side | 1250 cps |
| Gel Time | 22 seconds |
| Tack Free Time | 15-30 minutes |

Packaging



DRUM 5 GALLON

 VOLATILE FREE, INC.

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