

VFI®-711 FOAM ROOF PATCH

VFI-711 Foam Roof Patch is a two-component, 4 PCF spray-applied foam packaged in cartridges. Designed for use with the VFI-7500 Qwik Spray Gun, it is useful for repairing sections of damaged or missing foam on a roof. Difficult-to-repair areas can be quickly foamed without the need for a large machine. Since VFI-711 has excellent adhesion, it can be used almost anywhere on a roof that requires foam repair.

- Improved portability, as it doesn't require a large plural component sprayer
- Provides exceptional durability by creating a sealed, insulated surface once applied
- Creates a smooth, quality finish that can be easily coated
- Easy to apply for simple and fast repairs with the Qwik Spray System

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULTS
Solid Material Density	N/A	4.0 PCF
Compressive Strength	ASTM D1621	73 psi
Closed Cell Content	ASTM D2856	>90%
Permeance	ASTM E96	<1 perm @ 3 in
Thermal Resistance	ASTM C518	5.5
Response to Thermal and Humid Aging	ASTM D2126	3%

LIQUID PROPERTIES	TEST METHOD	TEST RESULTS
Liquid Density A Side	ASTM D2939	10.25 lbs/gal
Liquid Density B Side	ASTM D2939	8.58 lbs/gal
Mixed Liquid Density	ASTM D2939	9.41 lbs/gal
Specific Gravity A Side	N/A	1.23 g/mL
Specific Gravity B Side	N/A	1.03 g/mL
Mixed Specific Gravity	N/A	1.13 g/mL
Ratio by Volume (A:B)	N/A	1A:1B
Viscosity A Side	ASTM D2196	110 cps
Viscosity B Side	ASTM D2196	475 cps

MANUFACTURER OF HIGH PERFORMANCE POLYMERS

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EQUIPMENT

VFI recommends spraying with a two-component air, electric, or hydraulically driven spray rig capable of providing a VFI-711 requires a plural component spray gun with dual 750 mL cylinders like the VFI-7500 Qwik Spray Gun. To use the gun, an air compressor that can provide a minimum of 100 PSI and 10 CFM of constant pressure is needed.

SURFACE PREPARATION

Surface preparation will depend on the conditions of the substrate. Remove any surface contaminants detrimental to the adhesion of the foam patch. Use a broom to sweep dirt, dust, and debris. A power washer may be used on tougher stains.

MIXING

Mixing VFI-711 is only required if the material is visibly separated. If separation is visible, shake the cartridges until a uniform mixture is achieved.

APPLICATION REQUIREMENTS

The application temperature should be between 40°F - 100°F. Yield will decrease with temperatures lower than 70°F. Bring the material temperature to a minimum of 65°F before spraying. Apply the foam patch to all areas that are missing foam.

CLEANING

To clean residue on the Qwik Spray Gun, VFI recommends using xylene or MEK. Do not soak the gun in any solvent.

STORAGE/SHELF LIFE

The material shelf life is 12 months from the date of manufacture. Store in a dry, temperature-controlled space in sealed and unopened containers between 60°F - 90°F.

PRECAUTIONS

VFI-711 is not UV stable and has no long-term UV testing. It must be covered with a silicone or acrylic roof coating. Isocyanate in the A side may be irritating to the skin and is toxic if inhaled. Avoid breathing in vapors or repeated skin contact. Do not thin or add foreign material to the product. See Safety Data Sheet for complete safety data.