

## VFI®-606 ACRYLIC PRIMER

VFI-606 Acrylic Primer is a water-based, general-purpose roof primer. It is used to prepare a handful of substrates for the application of a roof coating over spray polyurethane foam. As a single-component product, it is easier to use than most traditional, two-component primers, and its dark color promotes a better environment for a top coat to cure. VFI-606 creates a monolithic layer that adheres well to most surfaces when sprayed, brushed, or rolled onto the substrate. This primer will help dry out the surface for proper adhesion of the top coat.

- Excellent adhesion enhances bond with a variety of substrates
- Single component material that can be applied in a single pass and quickly cleaned with water
- Black or dark gray color options help you see where you've coated and where you need more
- Lower VOC-compliant content that outperforms EPA standards

LIQUID PROPERTIES	TEST METHOD	TEST RESULTS
Solids by Weight	ASTM D1644	55%
Solids by Volume	ASTM D2697	42%
Liquid Density	N/A	10.65 lbs/gal
Specific Gravity	N/A	1.28 g/mL
Viscosity	ASTM D2196	15,000 cps
Tack Free Time	N/A	2-4 hours @ 75°F, 50% Rh
Full Cure Time	N/A	48 hours @ 75°F, 50% Rh
Recoat Window	N/A	1-7 days @ 75°F, 50% Rh
VOC	N/A	5 g/L

**MANUFACTURER OF HIGH PERFORMANCE POLYMERS**

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## EQUIPMENT

The primer can be applied to the substrate with airless spray equipment, industrial paint brushes, or nap rollers. For smaller projects (under 10,000 sq ft) when spraying, an airless spray pump like Graco Ultra 395 PC is recommended as it can provide a needed pressure between 1,500-2,000 psi. It has a maximum flow rate of .54 GPM with ¼ inch hoses up to 150 ft. For larger projects (over 10,000 sq ft), we recommend using Graco UltraMax Sprayers capable of up to 1.10 gpm and 3,300 psi of constant pressure with hoses up to 300 ft. Graco Airless Guns that are suitable to the pump psi outputs with .021 tips are also recommended.

## SURFACE PREPARATION

Thorough surface preparation will depend on the substrate. The substrate should be clean and free of dirt, debris, loose paint, rust, scale, or anything that may inhibit adhesion. Repair or replace damaged structural components, including ducts, gutters, flashing, and other penetrations. Gaps should be tight and flush with deflections restricted to ¼" or less by installing additional screws or rivets. Replace or tighten loose or backed-out fasteners with oversized fasteners.

It may be necessary to power wash the surface for enhanced adhesion. Areas containing grease or oil should be scrubbed with VFI-1009 Cleaning Detergent. Treat mildew, fungus, or algae with a concentrated chlorine solution. Rinse all cleaning agents from the roof and allow it to dry.

## MIXING

VFI-606 should be mixed until uniform prior to use. Mix times will vary depending on volume and mixing method.

## APPLICATION REQUIREMENTS

The primer can be applied between 50°F - 120°F, but the temperature must remain above 40°F while it cures. Do not apply if rain or other moisture contaminants are present. Bring the primer to a temperature of 65°F before use.

Apply the primer to the prepared substrate at a minimum rate of .25 gallons per square. Cure time will vary based on temperature. The primer should be top coated within 48 hours of application but must cure thoroughly before applying a roof coating.

## CLEANING

Tools and equipment, including brushes, rollers, and airless sprayers, can be cleaned with water. Use mineral spirits or a similar cleaning solvent if the material has cured on the equipment.

## 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

Do not thin or add foreign material to the product. Avoid prolonged breathing of vapors and repeated skin contact. See Safety Data Sheet for complete safety data.