

PRODUCT DESCRIPTION

VFI®-690 Waterproofing Primer is a “crack bridging” elastomeric coating designed for waterproofing exterior walls. It is formulated with the highest quality resins and raw materials available to form a tough yet flexible mildew resistant coating for masonry substrates.

WARRANTY

Two coats of VFI®-690 Waterproofing Primer must be applied at a rate of 90 ft²/gal (2.5m²/L) to qualify for a 5 year material warranty.

Three coats must be applied at a total maximum coverage rate of 60 ft²/gal (1.44 m²/L) to qualify for a 10 year material warranty.

PACKAGING & SHELF LIFE

2 gallon (7.6 liter) bucket
5 gallon (19 liter) bucket

Shelf life 18 months from date of manufacture. Stored in unopened container between 40°F to 70°F.

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BASIC USES & BENEFITS

- Flexible so it will move with cracks
- Excellent adhesion
- Ultraviolet resistant for extra durability
- Extensive color range available
- Meets VOC emission regulations to eliminate facility downtime during application
- Nontoxic formulation is safe to install
- Easy application and cleanup
- 5-year or 10-year extendable warranty available
- No special training or equipment required to install

Recommended for waterproofing of:

- Stucco walls
- Concrete walls
- Brick walls
- Block walls
- Split-faced block walls.

PHYSICAL PROPERTIES

VFI®-690 Waterproofing Primer	
Solids by Weight	66% (± 2)
Solids by Volume	52% (± 3) 2
Tensile Strength	320 psi(± 20) @75°F (24°C)
Elongation	>620% (± 20) @75°F (24°C)

Density*	11.9 lbs/gal (1426 g/L)
pH	9.2
VOC	70 g/L

APPLICATION INSTRUCTIONS

Surface Preparation: As a minimum, clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease and laitance with the use of a stiff bristle push broom and or washing. Care should be taken not to inject water into the substrate during washing. In some cases additional drying time may be required after the cleaning process. Please consult VFI for additional advice on cleaning various roofing substrates. New concrete should be allowed to cure for at least 28 days before applying VFI®-690 Waterproofing Primer. All cracks greater than 1/16 of an inch must be caulked with industrial grade acrylic caulk or addressed according to specifications.

Priming: If any surfaces exhibit chalking after they have been properly power washed, they must be primed with one coat of primer.

Dry time is approximately 4 hours.

Application: VFI®-690 Waterproofing Primer comes ready to use; however, it is recommended that the container be shaken or stirred before application. Apply VFI®-690 Waterproofing Primer by brush, roller, or airless sprayer to the recommended coverage rate. Allow each coat to dry before proceeding with additional coats.

Coverage: Coverage may vary due to the porosity of substrate. Apply at a maximum rate of 180 ft²/gal (4.3m²/L) per coat. A minimum thickness of 5 mils (0.12mm) per coat should be maintained. Allow 8 hours between coats in temperatures of 70°F (21.11°C) and above (at lower temperatures, more drying time may be needed).

LIMITATIONS & PRECAUTIONS

Do not apply VFI®-690 Waterproofing Primer at temperatures below 50°F (10°C) or when there is a possibility of temperatures falling below 32°F (0°C) within a 4 hour period after application.

VFI®-690 Waterproofing Primer will freeze and become unusable at temperatures below 32°F (0°C). Do not ship or store unless protection from freezing is available.

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Safety Data Sheet (SDS).

CLEAN UP

Thoroughly rinse application equipment with clean water