

## ADVANTAGES & BENEFITS

- Protects masonry surfaces from water damage
- Will not peel off like stick-on adhesives
- Wear-resistant and hard to damage
- Resists ponding water
- Extremely UV resistant
- Resists acid rain and chemical pollutants to protect from chemical spills and fallout damage
- Meets VOC emissions and regulations to eliminate facility downtime during installation.
- Non-toxic formulation is safe to apply
- Easy application and cleanup
- No special training or equipment required to install

Recommended uses:

- Waterproofing foundation walls
- Waterproofing basements
- Lining water-retaining structures
- Waterproofing masonry shrubbery boxes
- Priming structural and lightweight concrete for roofing
- Priming and texturing walkways and masonry decks

## PRODUCT DESCRIPTION

VFI-608<sup>®</sup> is designed for waterproofing all types of masonry surfaces such as foundation walls, concrete panels, exterior basement walls, retaining walls and moisture- retaining structures such as cisterns, and concrete shrubbery boxes. Mixed with water and Portland cement, and fully reinforced with Fabric, it forms a hard- wearing, flexible compound. It is also resistant to standing water and ideal for subterranean waterproofing.

## WARRANTY

See applicable warranties and guarantees for complete coverage and restrictions.

## PACKAGING & SHELF LIFE

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

Shelf life 18 months if unopened containers stored between 40°F and 70°F.

## PHYSICAL PROPERTIES

VFI-608 <sup>®</sup> WATERPROOFING	
Tensile Strength	775 ±50 psi [ASTM C190]
Compressive Strength	5700 ±300 psi [ASTM C190]
Flexural Strength	1835 ±100 psi [ASTM C348]
Shear Bond Adhesion	550 ±50 psi [ASTM C190]
Abrasion Resistance	< 36mg loss [ASTMD4060]
Impact Strength	>80 inch-pounds [ASTM G14]
Hardness	>16 KHN [ASTM D1474]
Permeance	Class III vapor retarder

## APPLICATION INSTRUCTIONS

**SUBSTRATE PREPARATION:** Remove any loose or flaking particles, scale, dirt, or rust. Masonry and concrete surfaces should be dampened first to prevent moisture loss from the slurry.

**MIXING:** A slurry is prepared by mixing one part VFI-608<sup>®</sup> Waterproofing, one part cool water, and three parts Portland cement (Type I). First, add VFI-608<sup>®</sup> and cool water to a clean 5-gallon (19 liter) pail and mix with a slow-speed mechanical mixer for about 1 minute. Then, slowly add the **Portland Cement (Type I)** until a fully homogenous and lump-free slurry is produced.

When ambient temperature is above 80°F (26°C), add ice to cool down the slurry mix in order to help prevent premature gelling.

**APPLICATION:** Apply slurry mix to the dampened area and immediately embed the Fabric into the wet slurry. Fabric should lap by a minimum of four inches. Remove any air pockets or creases with a brush. Before the first layer dries, fully saturate the fabric with a second coat of slurry and allow to dry.

VFI-608 <sup>®</sup> LIQUID – TYPICAL PROPERTIES	
Weight per Gallon	8.71 lbs/gal (1.05 g/mL) [ASTM D1475]
Solids by Weight	41.9% ±2 [ASTM D1644]
Solids by Volume	39.2% ±2 [ASTM D2697]

VFI-608 <sup>®</sup> MIX – TYPICAL PROPERTIES	
Weight per Gallon	18.0 lbs/gal [ASTM D1475]
Solids by Weight	>83.0% ±2 [ASTM D5201]
Solids by Volume	>63.3% ±2 [ASTM D5201]

Values represented are typical but should not be construed as specifications.

Once dry, apply a third and final coat of VFI-608<sup>®</sup> slurry mix. Allow 72 hours of curing time before backfilling area with soil or filling area with water. Apply when temperatures are above 50°F (10°C) and rising with no rain in the forecast or freezing temperatures for 24 hours. Apply product with a roof brush when used with fabric, priming with a roller (typically minimum 3/4" [19 mm] nap) or trowel as needed for crack filling or leveling. One gallon (3.8 L) of VFI-608<sup>®</sup> will make approximately four gallons (15.1 L) of slurry, which will cover approximately 50 ft<sup>2</sup> (4.6 m<sup>2</sup>) of the full VFI-608<sup>®</sup> reinforced with fabric. Coverage

**COVERAGE:** One gallon of VFI-608<sup>®</sup> will make approximately four gallons of slurry. The slurry will cover approximately 50 ft<sup>2</sup> of full VFI-608<sup>®</sup> that is reinforced with fabric. Coverage of slurry for dampproofing or priming may vary from 120–200 ft<sup>2</sup> depending on condition of substrate.

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## DRYING/CURING INFORMATION

The exact drying time for the VFI-608<sup>®</sup> will vary with environmental conditions. Typically the VFI-608<sup>®</sup> will dry in 1 hour at 70°F and 70% humidity. A full cure is generally obtained in 72 hours.

## 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.

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