



VFI®-690 Vertical Waterproofing Base Coat

VFI®-690 Vertical Waterproofing Base Coat is a 100% acrylic elastomer made to waterproof concrete and masonry walls. VFI-690 is a highly flexible elastomer that seals pores in masonry walls and has ultraviolet stability to prevent degradation before the top coat can be applied. VFI-690 is a low VOC content, water based, fully paintable surface that can be top coated with exterior acrylic paint.

→ Technical Usage

VFI®-690 Vertical Waterproofing Base Coat 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.

- Above Grade Waterproofing

→ Color

Standard color is gray. For additional premium colors or color matching services contact Volatile Free, Inc.

→ UV Stability

This product is UV color resistant. For additional information contact Volatile Free, Inc.

→ Coverage/Thickness Requirement

See VFI specifications for specific coverage information or contact Volatile Free, Inc. for additional coverage/thickness requirements.

→ Storage Stability/Shelf Life

12 month shelf life from date of manufacture when stored and sealed in unopened containers between 40°F - 75°F. Water based products must be protected from freezing. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

VFI-690 Vertical Waterproofing Base Coat may be applied by single component sprayer, roller, or brush. Contact Volatile Free, Inc. for more information on any specific equipment questions and requirements.

→ Surface Preparation

Surface preparation depends on application and substrate being coated. All surfaces should be cleaned, prepped, dry and free of any oils, dirt or films that could affect the product adhesion. Contact Volatile Free, Inc. with any additional questions.

→ Mixing

Mixing until uniform is required on all material before use. 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

Material can be applied between 50°F - 120°F and the temperature must remain above 40°F until full cure. Standard application is a single coat method with 24 wet mil. Apply only when rain or other moisture contamination will not be present before fully cured. The time between subsequent coats should not exceed 48 hours, but materials should be allowed to cure before applying the second coat. Material cure time will vary with temperature.

→ Primers

Volatile Free, Inc. recommends adhesion patch testing before use. Contact Volatile Free, Inc. with any primer questions.

→ Cleanup Solvent

Preferred cleanup method is water. Please contact Volatile Free, Inc. for more information on cleanup of equipment and tools.

→ Thinning








Do not thin prior to application.

→ Precautions

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®-690 VERTICAL WATERPROOFING BASE COAT

Application Method

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

Physical Properties

Tensile Strength	300 psi
Elongation	200%
Tear Strength	120 pli min
Fungi Resistance	Pass
Permeance	14 perms
Water Swelling	12%

Liquid Properties

Solids by Weight	62.50%
Solids by Volume	51%
Liquid Density	10.90 lbs/gal
Specific Gravity	1.31 g/mL
Viscosity	26,000 cps
VOC	<25 g/L

Packaging



5 GALLON

 VOLATILE FREE, INC.

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