



VFI®-3600F Fast Polyurethane Base Coat

VFI®-3600F Fast Polyurethane Base Coat is used as protective elastomer for impact and strength. A urethane base coat provides strength and toughness underneath a UV stable top coat in order to increase the properties as a system. Using a plural component sprayed system the VFI-3600F provides the ability to recoat same day for a faster, more time efficient method. VFI-3600F Fast Polyurethane Base Coat has zero VOC's and can be used in areas with strong VOC regulations.

→ Technical Usage

VFI®-3600F Fast Polyurethane 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.

- Roof Coatings
- Deck Coatings

→ Color

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

→ UV Stability

This product is **NOT** UV color stable and has no long-term UV testing. For additional information contact Volatile Free, Inc.

→ Coverage/Thickness Requirement

Contact Volatile Free, Inc. for more thickness requirements and specifications.

→ Storage Stability/Shelf Life

12 month shelf life from date of manufacture when stored and sealed in unopened containers between 40°F - 75°F. Opened containers may be resealed with a nitrogen purge, but shelf life will be significantly shortened. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

VFI-3600F Fast Polyurethane Base Coat is sprayed through plural component, high pressure spray equipment with the capability of processing and mainting 2500 PSI. For specific instructions and equipment requirements, contact Volatile Free, Inc.

→ Surface Preparation

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

→ Mixing

Pre mixing Poly (B) components until uniform is required before spraying. 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

Temperature should be between 50°F and 100°F when the product is being used. The pot life will shorten with any increases in temperature beyond 72°F. Standard application is a coat thickness of 32 wet mils and may increase depending on final coverage rate Contact Volatile Free, Inc. for more information on recommended application methods.

→ Primers

Volatile Free, Inc. recommends adhesion patch testing before use and additional adhesion patch testing with the chosen primer. The following are approved primers for use with VFI-3600F Fast Polyurethane Base Coat. Contact Volatile Free, Inc. with any primer questions.

- VFI-#11
- VFI-1007
- VFI-3218

→ Cleanup Solvent

Preferred clean up solvent is xylene or MEK. Please contact Volatile Free, Inc. for more information on clean up of equipment and tools.

→ Thinning

Do not thin prior to application.

→ Precautions

Contains isocyanate that may be irritating to the skin and is toxic if inhaled as particulate matter. 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®-3600F FAST POLYURETHANE BASE COAT

Application Method

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

Physical Properties

Hardness Shore A	82
Hardness Shore D	32
Tensile Strength	1,500 psi
Elongation	300%
Tear Strength	150 pli
Solid Material Density	71.8 PCF
Dimensional Stability	0.02%

Liquid Properties

Solids by Weight	100%
Solids by Volume	100%
Liquid Density A Side	9.6 lbs/gal
Liquid Density B Side	9.5 lbs/gal
Mixed Liquid Density	9.50 lbs/gal
Specific Gravity A Side	1.15 g/mL
Specific Gravity B Side	1.14 g/mL
Specific Gravity Mixed	1.14 g/mL
Ratio by Volume (A:B)	1A:1B
Ratio by Weight (A:B)	100A:98.8B
Viscosity A Side	5,250 cps
Viscosity B Side	1,950 cps
Gel Time	25 seconds
Tack Free	5 minutes
Recoat Window	1-24 hours
Full Cure	4 days
VOC	0

Packaging



TOTE



DRUM

VOLATILE FREE, INC.

19500 JANACEK COURT | BROOKFIELD, WI 53045 | (262) 787-0400 | TOLL-FREE (800) 307-9218 | FAX (262) 787-0500 | INFO@VOLATILEFREE.COM

This information and technical advice provided herein are believed to be reliable and accurate to the best knowledge of Volatile Free, Inc., As based on tests and should serve only as a recommendation. As the manufacturer, Volatile Free, Inc makes no representations or warranties of any kind, expressed, implied or statutory, including but not limited to all implied warranties of merchantability or fitness for use or a particular purpose, or any other matter with respect to this product. Volatile Free, Inc makes no representations or warranties as to the results of the use of the product and assumes no obligation or liability in connection therewith. Volatile Free, Inc is not liable for any special, exemplary, punitive, incidental or consequential damages of any sort or kind from use of this product. The information provided herein is subject to change at any time without notice. Information changes may include, but are not limited to, commercial and technical changes, changes in pricing, physical characteristics and packaging.

VOLATILEFREE.COM   

Call one of our experts today 1-800-307-9218