



VFI®-6171 70 D Qwik Spray Hard Coat

VFI®-6171 70 D Qwik Spray Hard Coat is a Class A fire tested, durable QWIK SPRAY SYSTEM applied coating. A 100% solids, two part spray applied polyurethane, VFI-6170 is used as a paintable protective coating. A 70 D hardness provides high rigidity and passes impact tests required to protect many different substrates. VFI-6171 Qwik Spray Hard Coat has excellent adhesion, Class A fire testing, and good processing viscosities for easy application. Primarily used for interior applications, VFI-6171 is a fully paintable and easily sandable system to allow for easy repairs and increased aesthetics.

→ Technical Usage

VFI®-6171 70 D Qwik Spray Hard 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.

- Cast Stone
- EPS Theming Hardcoats
- Industrial Coatings
- Precast
- Theming

→ Color

Standard color is neutral. Contact Volatile Free, Inc. for additional colors and color matching services.

→ 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 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. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

VFI-6171 70 D Qwik Spray Hard Coat requires a plural component Qwik Spray Applicator Gun with dual 750 mL cylinders. An air compressor that can provide at a minimum 100 PSI and 10 CFM of constant pressure is also required to run the Qwik Spray Applicator Gun. For additional 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's adhesion. Contact Volatile Free, Inc. with any additional questions.

→ Mixing

Mixing should not be required unless material is visibly separated. Contact Volatile Free, Inc. for more information on specific mixing questions and requirements.

→ Material Application

Temperature should be between 40°F - 100°F when the product is being used. The speed will increase with temperature beyond 72°F. Material temperature should be above 65°F before spraying. Contact Volatile Free, Inc. for more information on additional applicator instructions.

→ Primers

Contact Volatile Free, Inc. with any primer questions.

→ Cleanup Solvent

Preferred cleanup solvent is xylene or MEK. Please contact Volatile Free, Inc. for more information on cleanup 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.

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Application Method

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

Physical Properties

Hardness Shore D	70
Tensile Strength	4,200 psi
Elongation	25%
Tear Strength	325 pli
Elastic Modulus	46,000 psi
Impact Resistance (Falling Dart)	7 in lbs @ 40mils

Liquid Properties

Solids by Weight	100%
Solids by Volume	100%
Liquid Density A Side	9.9 lbs/gal
Liquid Density B Side	9.75 lbs/gal
Ratio by Volume (A:B)	1A:1B
Ratio by Weight (A:B)	100A:98.5B
Viscosity A Side	1,000 cps
Viscosity B Side	3,000 cps
Flash Point	>200° F
Cure to Touch	80 seconds
Cure to Handle	5-7 minutes
Recoat Window	20 minutes

Packaging



CARTRIDGE

Testing & Approvals



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