



## VFI®-6170 70 D Spray Hard Coat

**VFI®-6170 70 D Spray Hard Coat** is a Class A fire tested, fast setting, durable spray 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-6170 Spray Hard Coat has excellent adhesion, Class A fire testing, and good processing viscosities for easy application. Primarily used for interior applications, VFI-6170 is a fully paintable and easily sandable system to allow for easy repairs and increased aesthetics.

### → Technical Usage

VFI®-6170 70 D 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. 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

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's adhesion. Contact Volatile Free, Inc. with any additional questions.

### → Mixing

Pre-mixing Poly (B) components until uniform is required before injecting or 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 40°F - 100°F when the product is being used. The speed will increase with temperature beyond 72°F. Contact Volatile Free, Inc. for more information on recommended release agents or sealants.

### → 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.

# VFI®-6170 70 D SPRAY HARD COAT

## 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

## Liquid Properties

Solids by Weight	100%
Solids by Volume	100%
Viscosity A Side	1,000 cps
Viscosity B Side	3,000 cps
Cure to Touch	20 seconds
Cure to Handle	2-3 minutes
Recoat Window	20 minutes

## Packaging



TOTE



DRUM

## Testing & Approvals



 **VOLATILE FREE, INC.**

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