



VFI®-202 50 D Fast Polyurea Coating

VFI®-202 50 D Fast Polyurea Coating is an extremely fast setting polyurea capable of self-texturizing and being sprayed vertically or horizontally. With increased rigidity and tear strength, particles are less likely to imbed into the coating when compared to a product with increased elongation at the same hardness. A 100% solids, two-part spray polyurea, VFI-202 can be sprayed through a high-pressure plural component machine and applied in thin layers to build thickness. VFI-202 is used in applications where an extremely fast cure time and verticals are required to be sprayed.

→ Technical Usage

VFI®-202 50 D Fast Polyurea Coating 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.

- Industrial Coatings
- Sacrificial Coatings
- Secondary Containment

→ Color

Standard colors are black and 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

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 spraying. Mix times 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®-202 50 D FAST POLYUREA COATING

Application Method

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

Physical Properties

Hardness Shore A	92
Hardness Shore D	50
Tensile Strength	2,000 psi
Elongation	200%
Tear Strength	400 pli
Solid Material Density	66 PCF
Water Absorption	1.50%
Permanent Set	20%

Liquid Properties

Solids by Weight	100%
Solids by Volume	100%
Liquid Density A Side	9.12 lbs/gal
Liquid Density B Side	8.43 lbs/gal
Mixed Liquid Density	8.77 lbs/gal
Specific Gravity A Side	1.09 g/mL
Specific Gravity B Side	1.01 g/mL
Specific Gravity Mixed	1.05 g/mL
Ratio by Volume (A:B)	1A:1B
Viscosity A Side	200 cps
Viscosity B Side	600 cps
Gel Time	5 seconds
Recoat Window	4 hours
Place into Service	8 hours, chemical 24 hours
Full Cure	48 hours
VOC	0

Packaging



TOTE



DRUM

 VOLATILE FREE, INC.

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