



VFI-3220 ACRYLIC CONCRETE COATING

Overview

- **Description**
 VFI-3220 is a water-borne, single component, acrylic concrete and masonry coating characterized by excellent strength, water resistance, and weatherability.
- **Usage**
 Applicable uses include the following:
 - Protective coating for concrete and masonry for waterproofing, aesthetics and durability.
 - Anti-skid coating over concrete and masonry walkways. The VFI-3220 is packaged with anti-skid, quartz aggregate included in the formulation. There is no need to add aggregate after application.
- **Limitations**
 - **DO NOT** apply to surfaces where substrate or ambient temperatures are below 45°F.
 - **DO NOT** apply directly to single ply membranes or any other surfaces that are not masonry based in nature, or prior approval from a Volatile Free, Inc representative.
 - **DO NOT** apply when there is a possibility of temperatures falling below 32°F within a 4 hour period after application, or rain is in the forecast.
- **Colors**
 Light gray, terracotta, kaki and white. Custom colors available depending on condition approval.

Properties & Performance

- | | | | |
|---|----------------|---|--------------------|
| ■ Density
ASTM D1475 | Weight/Gallon: | ■ Drying Time
77°F and 50% humidity | 30-60 minutes |
| ■ VOC | <20 g/l | ■ Adhesion
ASTM D4541 | Concrete: >500 psi |
| ■ Solids
Method 4041, fed. Std. 141 | | | |
| Weight | 72.0% | | |
| Volume | 55.0% | | |

Liquid Component Properties

- **Packaging and Shelf Life**
 12 months shelf life between 40°F and 72°F. Protect from freezing below 32°F. Available in 1 gallon and 5 gallon pails and 55 gallon drums.
- **Thinning**
 Thinning is not recommended under normal conditions. When necessary, VFI-3220 can be thinned up to 5% with water. Thinning causes reduction in film build and changes flow properties.

Application

- Prior to applying VFI-3220, ensure that surfaces to be coated are clean and dry, and free of loose dirt or particles. Make sure to thoroughly mix VFI-3220 until homogenous, prior to use.
- Apply by spray, roller or brush. A wide range of spray equipment can be used including airless spray or conventional spray.
- Apply VFI-3220 at a rate of 100-200 sq/ft gallon to the concrete substrate. Coverage will depend on a variety of factors such as granule profile, porosity of substrate, general roughness of substrate, etc.
- Allow VFI-3220 to dry thoroughly prior to recoating with subsequent coats. The surface may still contain residual tack, but coating will not transfer to finger with touch.
- When using VFI-3220 to embed fabric, apply the VFI-3220 only to the area to be covered with one sheet of reinforcing fabric at a time. Once the bottom or fabric is anchored and embedded, coat the top of the fabric with VFI-3220 at a rate of 1-2 gallons per 100 square feet.
- Clean up with water supplemented with liquid detergent. Spray equipment should be given a final cleansing with MEK thinner or lacquer thinner to remove moisture, and prevent possible corrosion.
- VFI-3220 products are water based and will require the complete evaporation of water to achieve cure.

For more information, contact us today at **800-307-9218**

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