

FGI – 647 Clear Primer/Sealer Coating

Unique Coatings – Extreme Results

Description

FGI-647 is an extremely unique ultimate performance Single Component Clear Primer/Sealer. FGI-647 was designed as a highly breathable penetrating primer/sealer coating with excellent adhesion to block, brick, cement, clay, concrete, decking, masonry (including green), previously painted surfaces, stone, stucco, and wood substrates. This coating resists yellowing and chalking, most chemicals, UV, water, efflorescence and was also formulated to act as a base for the FGI-375 Series of anti-graffiti coatings.

FGI-647 is designed for ease of application, extreme performance, and durability in a single component, ambient cure system. The FGI-647 coating is made for a wide variety of application purposes. It will enhance the appearance and wearability of an immense assortment of substrates.

Some Recommended Uses

Stucco Walls

Masonry Surfaces

Pool Pavers and Wood Decks

Anti-Graffiti Base Coat

Characteristics and Properties

Solids by Weight 20% +/- 2%

Weight per Gallon 9 lbs

Viscosity #2 Zahn Cup 14.0 seconds

Film Thickness Varying

UV Accelerated Weathering (ASTM D4587) 1,500 hrs +

pH 8.5 to 9.0

Permeance 3.0 U.S. Perms

Estimated Coverage up to 300 sq. ft. per gallon

Application Methods

Preparation of substrate is crucial for maximum adhesion and performance of this product.

1) Surface must be clean and dry before application. Wear gloves and eye protection at all times. Do not place bare hands on dried concrete after preparation. Hand oils

will prevent coating from adhering to surface.

- 2) Remove any loose or broken concrete and mortar with scraping blades or other tools. Sweep off any dust or dirt from surface. Remove any dried mud and dirt from concrete surface with brush and water.
- 3) Remove any previous coatings that may have been applied to surface. Remove or grind down any sharp edges or points of concrete that may stick up on surface.
- 4) Make sure to cover prepared area from rain and moisture if time does not allow the application of the material for that day.
- 5) Do not apply material in temperatures below 50°F (10°C) or above 100°F (38°C).
- 6) Completely stir and mix FGI-647. Do not allow open containers to sit directly in sunlight or high moisture and rain. Remove any skinned material that may develop in containers. Material does not need to be thinned. Use as received.
- 7) FGI-647 may be applied with a brush, paint roller or paint spray system.
- 8) For spray application of FGI-647, the use of low pressure air or pump spray systems is recommended. Apply material in a uniform spray pattern. Move spray wand in opposite directions to insure complete coverage of surface. **NOTE:** Use a paint roller or pad system to evenly spread any excessive materials that may build up or puddle. Avoid runs and ponding of material.
- 9) For brush or roller applications, apply material in even uniform applications. Apply material in both directions to insure complete coverage of surface.
- 10) Apply multiple coats of material depending on porosity of surface and penetration rate. Allow material to penetrate and dry to touch between multiple applications. One or two coats are recommended for use as a sealer primer finish.
- 11) FGI-647 is dry to touch in 1 hour depending on weather conditions. Full cure for topcoat application is up to 24 hours depending on conditions.
- 12) Clean up tools and equipment with soap and water.

Storage Stability & Shelf Life

The shelf life of FGI-647 is one year when stored in original, unopened container. Store cans in a well ventilated and covered area away from extreme heat and moisture. Please contact your FGI representative if you have any questions about product usability.

Additional information is available at www.fginternational.net

Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Before using the product other than directed, please contact FGI for consultation.

F G International, LLC
33717 Hwy 23
Collins, Ga. 30421, USA
Email: info@fginternational.net
Tel: +1.912.684.2283
Fax: +1.630.604.7984