

FGI – 100L

Unique Coatings – Extreme Results

Description

FGI - 100L is an extremely unique ultimate performance corrosion protection coating. FGI - 100L is a single component product, **no** mixing of part A and Part B, therefore **no** waste of left over product. FGI - 100L is available in many colors therefore top-coating is not necessary because FGI -100L is extremely Weather, UV, Chemical, Salt, and Abrasion resistant providing for an unsurpassed durable wear surface with superior adhesion properties that promotes a nearly indestructible coating surface.

FGI - 100L can be applied to metal, fiberglass, concrete, wood, and other surfaces. Can be applied to rusted or new surfaces. FGI - 100L requires little or no surface preparation thus reducing the time, labor and the TOTAL cost of your project.

Application Methods

FGI - 100L may be applied by brush, roller, or spray. Stir, not shake, product vigorously for at least 2 to 3 minutes with a mechanical stirrer before applying being careful to not entrain air into the product. Remember, this is an atmospheric moisture cured product. The surface to be coated must be completely dry, and any dirt, mildew, oily substances, large flakes of rust or old loose paint should be wire brushed or power tooled off. To facilitate removable of the loose flakey rust, old paint or loose mill scale; the surface may be pressure washed at 3500 psi or higher. Let surface dry completely. FGI -100L is an atmospheric moisture cured product. However, any moisture on surface before applying coating will cause coating failure. The product must have a dry surface to be able to penetrate the surface and bond with the substrate. Never thin product, use as it is in original container. No additional surface preparation is necessary.

If surface to be coated has chlorine ions, these must be neutralized with Chlor-Rid mixed into the pressure wash water. This is a rare occurrence but usually occurs around salt water. Chlorine ion test will verify.

Any overspray and equipment must be cleaned immediately with acetone, toluene, xylene, or MEK.

Apply 6 mils (0.006 inches or 0.152 mm) wet to achieve a final dry mil thickness of 3 mils. If second coat is needed wait till first coat is tacky dry, usually 90 minutes in 75 F, 75% humidity, then apply second coat, but not longer than 4 hours between coats as the first coat will not accept the second coat. The second coat may be applied at 4 mils (0.004 inches or 0.101 mm) wet to achieve a dry mil thickness of 2 mils (0.002 inches or 0.05 mm). This second coat will cover any voids in the surface due to a very rough surface. Two thin coats are better than one thick coat. If coating is applied too thick it will bubble due to out gassing.

Apply FGI – 100A between the air temperatures of 35F and 115F. Do not apply to surfaces above 150F.

Use in well ventilated area; if not possible, use a NIOSH approved self contained breathing apparatus or vapor filters on a mask. Protective gloves and safety glasses must be worn at all times. This product is meant to stay where it is applied. Only very high abrasion will remove the coating. Caution: With the extreme adhesion characteristics of this product all safety procedures must be followed.

Features & Benefits

- Easy to Apply One Part Product, no two part mixing
 - Fast Epoxy-like Curing Mechanism
 - Very Little or No Prep Work over Rusty Metal
 - UV, Weather, Chemical, Salt and Abrasion Resistant
 - No Top-Coat is necessary
 - Extreme Adhesion to Substrate
 - Extremely Durable Wear Surface as Primer and/or Topcoat
 - Contains No Zinc, Lead or Chromates
 - Typical Applications: Marine environments, structural steel, welding repair, automobiles, truck beds, tanks, pipes, industrial and farm equipment, lawn mowers, snow plows, air conditioner parts, concrete floors and walls, decks, stairs, steps, railings, walls and ceilings of subways and any metal surface.
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Storage Stability & Shelf Life

The shelf life of FGI - 100L is one year when stored in original, unopened container. Store cans in a well ventilated and covered area away from extreme heat and moisture. FGI - 100L is moisture sensitive. Limit the time the container is opened. Wipe clean any product from the lip of the container and reseal. 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