

FGI – 646 Concrete and Masonry Sealer

Unique Coatings – Extreme Results

Description

FGI – 646 is an extremely unique single component ultimate performance Concrete and Masonry Sealer. The FGI-646 is an odorless water based compound proven as a waterproofing, hardening, dust proofing sealer for concrete structures, slabs, and floors. It is also suitable for concrete basements, (either above or underground), walls, roofs, pillars, pipe, sculpture, architecture structures, structural concrete, fibercrete and decorations. FGI-646 penetrates deeply into the capillaries and pores of concrete and when it dries, it becomes part of the concrete.

Features & Benefits

The FGI-646 protects concrete surfaces from abrasion, common acids, freeze-thaw damage, ultraviolet attack and chloride ion-salt-intrusion. It stops water seepage from either the positive treated or negative untreated side of the concrete structure when cracking or other structural flaws do not cause the seepage. It also prevents efflorescence and improves the bonding of cementitious alkaline-tolerant top coatings and paint. FGI-646 is applied by spray, roller, or brush to new or old concrete. FGI-646 is non-toxic and has been approved for potable water applications. FGI-646 is designed for ease of application, extreme performance, and durability in a single component, ambient cure system.

Some Recommended Applications

Concrete Floors and Slabs
Concrete Walls and Structures
Waterproofing of Concrete
Hardening of New and Old Concrete

FGI-646

Weight per Gallon	9.7 lbs
VOC's	<0.01 lbs per gallon
Viscosity #2 Zahn Cup	13.0 seconds
pH	11.5
Estimated Coverage	up to 100 sq. ft. per gallon

Application Methods

FGI-646 may be applied by brush, roller, or spray. Surfaces should be free of loose rust, mill scale, paint, grease, oil and of any other film-forming foreign material. All surfaces may be water blasted with high-pressure (3,000 psi MIN) water to thoroughly clean off all debris, dirt, and other contaminants.

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.

Storage Stability & Shelf Life

The shelf life of FGI - 646 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.

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