

FGI – 8200 Stucco

Unique Coatings – Extreme Results

Description

FGI - 8200 is an extremely unique ultimate performance epoxy based Stucco that water proofs the substrate, provides superior insulation, is fire resistant, chemical resistant, and provides corrosion protection over metals all the while being very easy to apply. The product remains flexible and provides a beautiful cosmetic finish of your choice. The insulation, fire, chemical, abrasion and undercreep resistance characteristics of this product have proven so outstanding that it is considered to provide the most benefits and also be the least expensive method for stucco applications. FGI-8200 is designed for adhering to almost any clean surface including: concrete, aluminum, wood, metals of all types, plastic, brick, glass, transites and Styrofoam. Durability and color stability is excellent. FGI-8200 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-8200 is applied directly to the substrate thus eliminating the labor and product cost of any mesh type product as is the norm with conventional stucco's. FGI-8200 requires little surface preparation thus reducing the time, labor and the TOTAL cost of your project.

ASTM Test Battery:

ASTM B117 500 hour Salt fog test –Passed

ASTM 518 Thermal Conductance 2.61 BTU/ (h) (ft²) (F) Excellent

ASTM 518 Thermal Conductivity 0.0139 Btu(in)/(h)(ft²)(F), metric 0.002 w/m/K, Excellent

ASTM D-2240 Hardness 85 Shore Durometer

ASTM E108-91A UBC32-7 Class A Fire Rated

ASTM D-638 Tensile Strength 1393 PSI

ASTM E-96 Water Vapor Transmission 0.7 perms

ASTM G-53 500 hour accelerated weathering test, bend double with no cracking, highly flexible

ASTM 1640, D-92, D-1644A, D-2196, D-696, D-570, C-836, D-1652, D-1259

Flexibility is retained in sub-zero conditions (down to –92 F)

Features & Benefits

- **Easy to Apply by trowel, or texture sprayer**
- **Very Little Prep Work**
- **Fire, UV, Weather, Chemical, Salt and Abrasion Resistant**
- **Extreme Adhesion to Substrate, adhering to almost any clean surface including: foam, concrete, aluminum, wood, metals of all types, plastic, brick, glass, transites and Styrofoam**
- **Extremely Durable Wear Surface**
- **No Top-Coat necessary**
- **Contains No Zinc, Lead or Chromates**
- **Typical Applications: Commercial or Residential applications desiring a stucco finish.**

Application Methods

FGI-8200 may be applied by trowel, or texture sprayer. Surfaces should be free of loose rust, mill scale, paint, grease, oil and of any other film-forming foreign material. An example of the prep work needed is to water blast with high-pressure (3,000 psi MIN) water to thoroughly clean off all debris, dirt, and other contaminates. This type prep is usually only necessary over old substrates.

The result shall be to have a clean tight substrate. Optimum results are obtained if the surface is dry although entirely satisfactory protection is obtained if the surface is damp and/or wet. Surplus water should be removed to prevent excessive bubbling of the coating. No primer is needed on metal surfaces thereby reducing total job cost.

MIXING: Prior to combining Part A and Part B, mechanically mix Part A pail and Part B pail for 2 minutes, then thoroughly mechanically combine and mix (3 to 1 ratio) 3 Parts Base (part "B") with 1 Part Activator (part "A") for 5 minutes in the 5 gallon pail (or for 1 minute in one gallon pail), with a power mixer until all streaks and/or lumps disappear and the mixture has uniform color and consistency. Be sure to allow mixing blade to rub on sides and bottom of container to recombine any settling. Allow to stand (or ingest) for 15 to 45 minutes, depending upon ambient temperature, before adding thinner or beginning application. Use of thinner increases possibility of sag and reduces dry film thickness. Thinner also retards cure time. For best results, use just as it comes from the pail. However, thinner (use new lacquer thinner) can be added to the product with no harm to the coating. Thinning will necessitate applying more coats to achieve the desired mil thickness. Aggregate of your choice may be added to enhance the look and texture of the finish you desire and this also increases the coverage rate per gallon.

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

FGI-8200 is 90% solids. Approx.Pot Life: 4 to 6 hours at 80 F. Drying time 1 to 2 hours at 80 F. Curing time: Initial: 8 hours at 80 F, Complete: 3 days at 80 F. Mileage is dependant upon application. **Example:** The thickness you apply is solely dependent upon the final finished look you desire. At 25 mils a gallon will cover approx. 60 sq ft. If second coat is needed wait till first coat is tacky dry, usually one to two hours in 80 F. 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. Only very high abrasion will remove the coating. Caution: With the extreme adhesion characteristics of this product all safety procedures must be followed.

Customers should consult FGI on all special requirement installations.

Storage Stability & Shelf Life

The shelf life of FGI-8200 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.

The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.

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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