

Galvany 800

Single Pack Zinc Rich Primer

Product Description

Galvany 800 is single pack inorganic zinc rich solvent based primer. It is suitable to repair mechanically damaged zinc ethyl silicate and zinc rich epoxy primers to provide good long term corrosion protection.

Recommended Use

Primer coat for touch up and repair works of galvanized steel substrates in corrosive environments including piping, offshore platforms, refineries and structural steel.

Product Information

| | |
|----------------------|---------------------|
| Binder | : Epoxy |
| No. of Components | : 1 |
| Solids (% by Volume) | : 35 ± 2 % |
| Flash Point | : 13°C (when mixed) |
| Colour | : Grey |
| Finish | : Matt |

Application Information

| | |
|--------------------------------|------------------------------------|
| Substrate | : Steel |
| Recommended No. of Coats | : 1 |
| Recommended Wet Film Thickness | : 145 to 215 µm / Coat |
| Recommended Dry Film Thickness | : 50 to 75 µm / Coat |
| Theoretical Spreading Rate | : 5 to 7 m ² / L / Coat |
| Specific Gravity | : Approx. 2.00 |

Application Methods

Applied By : Brush / Roller / Spray / Airless Spray

* Brush and Roller recommended for stripe coating and small areas only

* Airless Spray Recommended Tip Size: 0.43 - 0.58 mm (17 - 23 thou)

* Airless Spray Recommended Pressure: 110 - 160 kg/cm² (1600 - 2300 psi)

Thinner : Thinner 70 (5% maximum addition)

Clean Up : Cleaner 12

Packaging & Storage

Packaging : 5.0 Litres

Shelf Life : 12 months - Unopened

Storage : Cool, dry and well ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.

| Curing Time | | | | |
|-----------------------|-----------|----------|----------------------|------------|
| Substrate Temperature | Touch Dry | Hard Dry | Overcoating Interval | |
| | | | Minimum | Maximum |
| 15 °C | 60 mins | 5 hours | 8 hours | Indefinite |
| 25 °C | 45 mins | 3 hours | 4 hours | Indefinite |
| 35 °C | 30 mins | 2 hours | 2 hours | Indefinite |

*The properties above may vary with surface temperature, site environment, film thickness, etc.

| Typical Painting System | | |
|-------------------------|--|--------------|
| System | Product | No. of Coats |
| Primer | Recommended KCC primer | 1 |
| Intermediate | Recommended KCC epoxy intermediate coat | 1 |
| Finish | Recommended KCC epoxy or polyurethane finish | 1 |
| Repair Coat | Galvany 800 | 1 |

Surface Preparation
 All surface to be coated should be clean, dry and free from contamination as in accordance to ISO 8504. Oil and greasre must be removed by solvent cleaning as in accordace to SSPC - SP1. Surface preparation must be done via abrasive blast cleaning to a cleanliness standard of Sa 2 ½ (ISO 8501:1 - 1:2007) or SSPC - SP6. A surface profile of 40 to 75 microns is recommended. If oxidation has occurred between the blasting time and application of Galvany 800, the surface should be reblasted to the specified visual standard.

- Preapplication Conditions**
- 1) The surface temperature should be 3°C above the dew point and should not exceed 50°C.
 - 2) The relative humidity should be between 60% and 85%.
 - 3) Paint application shall not commence when there is a likelihood of an unfavourable change in weather condition within 2 hours after painting.
 - 4) Ensure Galvany 800 is mixed in a uniform and homogenous manner before application.

Product Limitations
 Excessive thickness or over applications of Galvany 800 can lead to mud cracking which will require complete removal of the affected areas via abrasive blasting. Maximum film build in a single coat is best achieved by airless spray. For brush and roller applications, multiple coats will be required to achieve the required DFT.

Safety Precaution
 This product is flammable and must be kept away from any source of ignition. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately. Keep out of reach of children.

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