

Description

Galvalox is an organic zinc-rich coating that creates a sacrificial barrier which protects from corrosion and helps to prevent rust and extend the life of steel.

Galvalox can be applied using various methods, such as brush, roller, or spray. It is typically used in applications where hot-dip galvanizing is not feasible or cost-effective, such as touch-up repairs, small-scale projects, or situations where the steel is already in place.

Benefits

- **Corrosion protection:** The primary benefit of Galvalox is its ability to protect steel surfaces from corrosion.
- **Cost effective:** Galvalox is a cost-effective alternative to hot-dip galvanizing.
- **Ease of application:** Galvalox is ready to use and available in brush-on and aerosol form.
- **Quick dry time:** Galvalox has a relatively quick dry time, allowing for faster project completion.
- **Versatility:** Galvalox adheres well to various substrates, including bare steel, previously galvanized surfaces, and partially rusted or damaged areas.
- **Environmental protection:** Galvalox is AIM VOC compliant.
- **Excellent properties:** Galvalox meets or exceeds ASTM A780-00 Specification. "Standard Practice for repair of damaged and uncoated areas of Hot-Dip Galvanized Coatings. Also, meets performance requirements of MPI # 18, TT-P- 641G and SSPC Paint no. 20 Type II.

Applications

Steel structures:

Galvalox can be used to protect steel structures like bridges, towers, transmission poles, railings, and fences from corrosion. The compound helps extend the lifespan of these structures by preventing rust and degradation.

Industrial equipment:

Galvalox can be applied to industrial equipment, including tanks, pipes, valves, and machinery, to provide corrosion resistance. This helps maintain the integrity and functionality of the equipment, especially in harsh environments or where exposure to chemicals and moisture is high.

Marine applications:

In marine environments, where exposure to saltwater and moisture is prevalent, Galvalox can be used to protect ship hulls, offshore platforms, piers, docks, and other marine structures. It helps prevent corrosion caused by the corrosive effects of saltwater.

Automotive and transportation:

Galvalox can be applied to various transportation equipment, such as trailers, chassis, truck beds, and undercarriages, to protect against corrosion caused by road salts, moisture, and harsh weather conditions.

Agriculture equipment:

Galvalox can be used on agricultural machinery, including tractors, irrigation systems, storage tanks, and farm implements, to safeguard against corrosion caused by exposure to chemicals, fertilizers, and outdoor elements.

Construction applications:

Galvalox can be used on construction projects to protect steel components like beams, columns, and supports from corrosion. Galvalox can also be used for repairing and touching up hot-dip galvanized coatings that may have been damaged during construction.

Infrastructure and utilities:

Galvalox can be employed in infrastructure projects such as pipelines, water treatment plants, wastewater facilities, and power transmission towers to provide corrosion protection and extend their service life.



Product Data Sheet

Galvalox Cold Galvanizing Compound

Application Information

Surface Preparation: Surface must be free of dirt, grease, oil salts and loose rust or loose mill scale. Performs well over SSPC-SP 6, "Commercial Blast Cleaning."

Application: Conventional, airless spray, or brush.

Spreading Rate: Apply at a rate of 357 square feet/gallon at 2.0 mils, DFT for 100% paint utilization.

Surface Temperature: 50°F (10°C) Minimum – 110°F (43.3°C) Maximum

Paint Temperature: 50°F (10°C) Minimum – 90°F (32.2°C) Maximum

Surface should be dry and a minimum of 5°F (3°C) above the dew point.

Relative Humidity: Dry times may be adversely affected as the relative humidity increases. Caution should be taken when painting in very humid conditions.

Suggested Spray Equipment: Airless Spray—The following equipment, or equal is recommended: Graco Bulldog 30:1 ratio pump with Teflon packing. No filter in pump manifold. Silver gun #208663. Orifice tip .035, Revers-a-clean #205614/10"-12". Pattern 205908 tip. Use 3/8" ID, 50 foot nylon line high pressure hose with 2 foot or 3 foot, 1/4" wire hose. Conventional Spray: DeVibiss MBC-510 gun, 704 or 78 air cap, "E" tip, 1/2 inch (1.3 cm) ID material hose, 25 feet length (7.6 cm); double regulated air agitator equipped pressure tank with oil and moisture separator.

Clean Up: Mineral spirits

Technical Data

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| Type | Single pack organic zinc compound |
| Coverage | 357 sq ft/gal @ 2.0 mil dry film |
| Zinc Content | 90.7% in dry film |
| Flash Point | 100°F+ |
| VOC Content | 3.69 ± .2 lbs./gal. |
| Weight Per Gallon | 22.26 ± .2 lbs./gal. |
| Solids Content | 44.5 ± .2% |
| Viscosity | 80-90ku @ 77°F |
| Pot Life | 24 hrs. |
| Recommended Film Thickness | 2-3.5 dry mils |
| Packaging | Gallons, quarts, and aerosol |
| Shelf Life | 1 year under 92° |
| Storage Temperature | 20°F (-7°C) Minimum 110°F (43°C) Maximum |
| Topcoating | 24-48 hrs. A variety of topcoats may be used: epoxy, urethane, acrylic. |
| Recoat Time | 12 hrs. |

Ordering Information

Prices may be obtained from your Sumter Coatings Sales Representative, or by calling Sumter Coatings Customer Service at 1-888-471-3400
www.sumtercoatings.com

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