

GALIFIX

<Epoxy Zinc Phosphate Primer>

Product Description

GALIFIX is a two-component Epoxy Zinc high solid primer with lead free rust inhibitive pigmentation.

Features and Benefits

Ideal for use as a field primer on interior and exterior steel as part of a system to be topcoated with chlorinated rubber, epoxy and polyurethane topcoats.

A rust inhibitive primer over iron and steel and protects steel from atmospheric corrosion.

Provides much higher degree of protection than conventional primers in severe corrosive conditions.

Excellent resistance to acids, alkalis, water, salts, oils, petroleum solvents.

Has very low water and water vapor permeability.

Has excellent adhesion, toughness, abrasion resistance and overall chemical and solvent resistance.

Ideal for high humidity, moisture, marine atmospheres, heavy rains, high temperatures, damp conditions, very low dusty and fungus prone conditions.

Durable and economical.

Recommended uses

Steel structures	Off-shore structures
Petroleum Refineries	Sewage Equipments
Railway Wagons & Coaches	Pulp & Paper Mills
Food Processing Plants	Chemical Processing Equipments
Pipelines	Fertilizer Plants

Surface Preparation:

The surface should be blast cleaned; loose rust and scales, dirt, grease, oil, paint, wax, weak oxide films and other contaminants should be removed. Blast cleaning is recommended where heavy corrosive conditions exist or coating is required to be immersed. The surface should be free of all oil, grease, dirt, mill scale, rust, corrosion products, oxides, paint and other foreign matter. In absence of blast cleaning, prepare the metal surface by wire brushing, sanding, grinding, scrapping or chipping with hand or power tools.

TECHNICAL DATA

Type Composition	Two pack cold cured/ Epoxy/Zinc Phosphate
Colour Finish	Grey / Red Oxide/Yellow Smoot and Matt
Volume Solids (mixed) Mixing ratio	45± 3% Base : Hardener 1 : 1 + 30% reducer
Pot Life @ 30° C	6 to 8 hours
Dry film thickness per coat	30 to 35 microns
Coverage-(theoretical-no loss)	18 to 15 m ² /litre
Serviceability @ 30° C Dry to touch Hard Dry Recoat Full Cure	1 hour Overnight 24 hours 7 days
Induction (Sweat-in-time) @ 30° C	30 minutes
Dry heat resistance Relative Humidity	120° C 90%
Application Temperature - minimum - maximum	10° C 35° C
Solvent/Thinner	Thinner
Flash Point	25° C

Specs met with:

P-26915A	Type 1 Class A Primer for Steel (USAF)
DOD-21035A	Zinc Rich Galvanize Repair
P-46105	Weld through Zinc Rich Primer
Salt Fog	Pass 1000 Hours ASTM B117
Humidity	Pass 500 Hours ASTM D2247

Packing: 4 & 20 liters

Shelf Life: 6 months

Precaution: Flammable. Keep away from heat and open flame. Maintain good ventilation and avoid breathing vapors.

Notes:

Brushes and spray equipments should be cleaned with Thinner.

The contents should be stirred thoroughly prior to use.

After mixing Base and Hardener in recommended proportions, allow for 15 minutes induction period or sweat-in-time (maturing) before application.

Disclaimer:

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