TECHNICAL DATASHEET

CHLORINATED ZINC PHOSPHATE PRIMER

Polycolor chlorinated zinc phosphate primer is a waterproof, anti-corrosive primer formulated with zinc phosphate to protect surfaces from rust and oxidation. It provides excellent resistance to moisture, salt, and harsh environmental conditions, making it ideal for coastal and marine areas. Its strong adhesion, stain resistance, and easy-to-clean properties ensure durability and versatility, making it suitable for a wide range of industrial and general-purpose applications.

PRODUCT BENEFITS

- **Excellent Corrosion Resistance**: Protects steel surfaces that are exposed to aggressive conditions.
- **Waterproof Barrier**: Prevents moisture penetration, ideal for humid and coastal environments.
- **Strong Adhesion**: Ensures a solid bond with topcoats for long-lasting performance.
- **Stain Resistant**: Maintains a clean appearance and resists staining.
- **Easy to Clean**: Simplifies maintenance and surface care.
- **Versatile Application**: Suitable for a wide range of metal surfaces and environments.
- **Improves Topcoat Durability**: Enhances the life and performance of finishing coats.
- **Fast Drying:** Reduces downtime between coats and speeds up the overall application process.
- **Chemical Resistance:** Provides protection against mild acids, alkalis, and solvents.
- **UV Resistance:** Helps prevent degradation from sunlight exposure when used under topcoats.
- **Cost-Effective:** Extends the life of surface structures, reducing maintenance and replacement costs.
- **Compatible with Various Topcoats:** Works well under chlorinated rubber protective coatings.
- **Improves Surface Uniformity:** Creates a smooth, even base for better finish quality.

AREAS OF APPLICATION

- Steel structures
- Coastal and marine equipment
- Industrial machinery and equipment
- Bridges and infrastructure exposed to moisture
- Petrochemical and chemical plants
- Shipbuilding and repair yards
- Outdoor surfaces in humid or corrosive environments
- Automotive and heavy-duty vehicle parts
- Storage tanks and pipelines

PRODUCT FEATURES

Surface	Exterior and Interior steel works
Available Pack	1L, 5L and 20L
Shelf life	1 year from date of manufacture in original tightly closed containers.
Coverage	10 m^2/L/ coat
Finish	Semi-gloss
Drying time to touch	30 Minutes
Overcoat application	After 1 hour

SURFACE PREPARATION

- Clean and degrease surface before applying primer.
- For new galvanized surface, apply polycolor 2 pack etch primer before application of chlorinated sealer.

APPLICATION PROCESS

Method	:	Roller,brush and spray gun
Thinning	:	Slow aromatics solvent for roller and brush / NC thinner for spray gun
Dilution by volume	:	3:1 (3 parts paint and 1 part slow aromatics solvent) for roller and brush 2:1 (2 parts paint and 1 part NC thinner) for spray gun.

APPLICATION

- Apply two coats by roller or brush on clean, dry and grease free surface.
- Low pressure or airless spray gun can also be used.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during

sanding and surface preparation to avoid dust inhalation.

- Do not pour leftover paint down the drain or in water courses.
- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

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