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## POXY ZINC PHOSPHATE OXIDE PRIMER PRODUCT DATA SHEET

A high quality two-pack polyamide cured **EPOXY PRIMER** for mild steel. **EPOXY ZINC PHOSPHATE PRIMER** contains zinc Phosphate as an anti-corrosive pigment. It cures to a tough film with excellent adhesion, good resistance to abrasion, salt, water, oil, grease, common solvents and provides excellent protection against corrosion and mild chemicals. **EPOXY ZINC PHOSPHATE OXIDE PRIMER** is an ideal choice for the protection of mild steel located in industrial, marine and other highly corrosive environment.

THIS IS A TWO PACK SYSTEM. MIX THE TWO COMPONENTS THOROUGHLY BEFORE USE. DO NOT USE THE BLEND AFTER THE POT LIFE LIMIT.

### USAGE

- As an anti-corrosive primer for mild steel.
- In mild to highly corrosive environment.
- For interior and exterior use.

### Note :-

Condensation or dew formation on metallic surfaces will result in poor adhesion and subsequent flaking of the paint. Avoid painting during early morning, late evening or during humid and wet periods.

For specialised applications such as internal tank lining, permanent immersion and other specific conditions, please contact your supplier for advice on product selection.

### PHYSICAL DATA

- **Finish :** Matt
- **Colour :** Grey / Orange
- **Consistency :** Semi - viscous Liquid, mixed
- **Specific Gravity :** 1.40 (Approx.) mixed
- **Volume Solids :** 58% (Approx.) mixed
- **Flash Point :** < 23 °C, closed cup
- **Hardener :** **EPOXY ZINC PHOSPHATE HARDENER.**
- **Mixing Ratio :** 4.5 parts BASE / 1 part HARDENER by volume
- **Pot Life :** 4 - 5 hours at 25°C depending on volume of mix
- **Shelf Life :** 12 months, kept in separate containers.
- **Packing :** 4 L, 1L

Paints should be stirred before use and occasionally whilst in use.  
Contact your supplier for further information

## APPLICATION

- **Surface preparation:** Clean, Rust Free and Dry.
- **Application method:** Apply one coat by brush or solvent resistant roller. Low pressure or airless spray methods can also be used.
- **Dilution:** Mix base and hardener before thinning with **EPOXY THINNER**. Dilute as required for ease of application.
- **Spreading rate / Film thickness:** One litre of undiluted **EPOXY ZINC PHOSPHATE OXIDE PRIMER** can be applied at a spreading rate between 7.5 and 10 m<sup>2</sup> of surface in one coat, at this spreading rate the dry film thickness will vary between 75 and 58 microns on a completely smooth, non absorbent surface.

**Drying time:** Approximately 4 hours to touch dry. **EPOXY ZINC PHOSPHATE OXIDE PRIMER** can be over-coated after approximately 5 hours but must be over-coated within 5 days of its application. Full cure will be achieved after approximately 7 days. After this stage, it is advisable to roughen the surface to promote inter coat adhesion.

- **Cleaning solvent:** **EPOXY THINNER**.
- **Preceding coat:** None.
- **Subsequent coat:** **EPOXY ENAMEL**. **EPOXY ZINC PHOSPHATE OXIDE PRIMER** can be over-coated with Alkyd, Polyurethane and **CHLORINATED RUBBER ENAMELS**.

## SAFETY

- **EPOXY ZINC PHOSPHATE OXIDE PRIMER** is flammable, keep away from ignition source. Do not smoke whilst using.
- Wear adequate protective equipment during application; remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.

## MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

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.