



## ECHO ZINC PHOSPHATE ANTI-CORROSIVE PRIMER

### • DESCRIPTION & FIELD OF APPLICATION

Echo zinc phosphate primer is an alkyd anticorrosive chromate-free primer which can be used with or without a topcoat for interior or exterior use when subjected to mild or moderately corrosive atmosphere. This primer has excellent coverage properties combined with fast drying and early handling features.

Echo zinc phosphate primer is used as a primer or mid coat in atmospheric environments, and on surfaces subjected to damp and humid weather conditions. It is also suitable for ferrous metal substrates, structural steel, steel tanks, containers & industrial equipment, aluminum and wooden substrates.

### • MAIN FEATURES

- Contains high levels of zinc phosphate
- High build non-toxic anticorrosive
- Suitable over poorly prepared surfaces
- Excellent adhesion and rust inhibiting properties
- Suitable where light colored finishes are required
- Excellent protection and adhesion to steelwork

### • PHYSICAL SPECIFICATIONS

- |                                    |                              |
|------------------------------------|------------------------------|
| - Base                             | - Alkyd                      |
| - Gloss                            | - Flat                       |
| - Average volume solids            | - 42% approximately          |
| - Recommended dry film thickness   | - 35 - 50 microns per coat   |
| - Corresponding wet film thickness | - 71 - 119 microns           |
| - Theoretical Spreading Rate       | - 14.0 –8.4 Sq.metre / litre |
| - Flash point                      | - Above 20°C                 |
| - VOC                              | - Less than 460 g/L          |
| - Application                      | - Brush, roller, spray       |
| - Thinner                          | - White Spirit or Turpentine |
| - Dry to touch                     | - 2 hours                    |
| - Dry to handle                    | - 4-6 hours                  |
| - Dry to recoat                    | - 12 hour                    |
| - Full hardness                    | - 1 day                      |

- **SURFACE PREPARATION**

- A. New Ferrous Metal**

- Surface generally must be clean, free from rust, oil, grease, dust, and other contaminants; and must be thoroughly dried before application.
    - Steel surface must be manually wire brushed or power tool cleaned to remove all rust or loose mill scale. Then it is primed with Echo zinc phosphate primer.

- B. Previously Painted Ferrous Metal**

- Previously painted surfaces should be thoroughly rubbed down using a suitable abrasive paper and then dusted off. any loose or flaking paint film must be scraped off.
    - Rust should be thoroughly removed (for optimum performance through wire brushing or power tool cleaning) .The entire surface must be dry and free from dust, grease, and other contaminants. Spot prime any surface imperfections with Echo zinc phosphate primer.

- **INSTRUCTIONS FOR APPLICATION**

- **Brush / Roller:** Dilute up to 5% of White Spirit / Turpentine if necessary
  - **Conventional Air Spray:** Dilute up to 20% of White Spirit / Turpentine if necessary
  - **Airless Spray:** Dilute up to 5% of White Spirit / Turpentine if necessary

- **COLORS**

- White, grey, red, and selected range of colors

- **PACKING**

- 19-liter Pail -1 US gallon

- **STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
  - Containers must be kept tightly closed after partial usage.
  - Storage life: up to 5 years from date of production, if stored as suggested.



- **REMARKS**

- Stir well before use.
- Avoid application below 5° C or over 85% relative humidity
- After painting, clean the application tools immediately with white spirit.
- Avoid contact with skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapor or spray.
- All liquid paints should be kept away from children's reach.  
For more information, please do not hesitate to contact our Technical Department.