

## ECHO ZINC CHROMATE PRIMER

### • DESCRIPTION AND RECOMMENDED USE

An alkyd based anti-corrosive zinc chromate primer for interior and exterior ferrous metal substrates. It is a rust inhibiting primer used on iron and galvanized steel surfaces / substrates to protect from corrosion in moderately aggressive environments in non immersed conditions.

Echo zinc chromate primer has excellent corrosion resistance and is widely recommended as a conventional primer for properly cleaned ferrous metal substrates; such as metal window frame, iron gates, hand rails and blustardes, and general steel works .

### • MAIN FEATURES

- Excellent adhesion
- Corrosion Inhibiting
- Fast drying
- Good over coating properties
- Tough & durable

### • PHYSICAL SPECIFICATIONS

- |                                |   |
|--------------------------------|---|
| - Base                         | - Alkyd                                 |
| - Gloss                        | - Flat                                  |
| - Color                        | - Yellow                                |
| - Recommended DFT              | - 40 micron                             |
| - Specific Gravity             | - 1.33 kg/ Liter                        |
| - Flash point                  | - 38°C                                  |
| - Solids Content by volume     | - 50 ± 2%                               |
| - Coverage                     | - Approx. 12.5 m <sup>2</sup> per liter |
| - VOC content                  | - 395g/L                                |
| - Drying Time                  | - 3-4 hours                             |
| - Overcoating interval         | - 8 hours minimum                       |
| - Thinning & Cleaning of tools | - White spirit                          |

\* Theoretical Coverage / Spreading rate mainly depends on film/ coat thickness and nature of substrate.

### • SURFACE PREPARATION

#### **A.New Ferrous Metal**

1. Surface must be clean, free from rust, oil, grease, dust and other contaminants and must be thoroughly dried before application.

2. Steel surface should be manually wire brushed or power tool cleaned to remove all rust or loose mill scale, then they should be primed with appropriate anti-corrosive primer followed by undercoat before applying the finishing Echo zinc chromate primer coats.

### **B. Previously Painted Ferrous Metal**

1. Previously painted surfaces should be thoroughly rubbed down using a suitable abrasive paper or grit blasting and then dusted off.
2. Any loose or flaking paint film must be scraped off.
3. Rust should be thoroughly removed (for optimal performance wire brushed or power tool cleaned), then tire surface must be dry and free from dust, grease, and other contaminants.
4. Spot-prime any surface imperfections with appropriate primer /undercoat before applying the finishing Echo zinc chromate primer coats.

## • **INSTRUCTIONS FOR APPLICATION**

### **1. Conventional Air Spray**

Type of thinner : White spirit /Turpentine  
Percentage of thinning : 10- 20% max. By volume/ if necessary

### **2. Air spray gun**

Type of thinner : White spirit /Turpentine  
Percentage of thinning : 5 - 10% max. By volume/ if necessary

### **3. Brush / Roller**

Type of thinner : White spirit /Turpentine  
Percentage of thinning : 5- 10% max. By volume/ if necessary

## • **COLORS**

- Yellow

## • **PACKING**

- 25Kg.Pail , 1 US gallon, 1 Kg. can

## • **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.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.