

## UNICOLOR ZINC CHROMATE

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**UNICOLOR ZINC CHROMATE** is a fast dry alkyd primer base used as a protective coating for all types of steel constructions and steel components in rural and moderates industrial environment. This quality is especially distinguished by anti corrosion protection in conjunction with the top coat for light duty exterior application. It is easy to apply, fast dry, and has good adhesion on metal substrates. This product does not contain heavy metals material.

### FIELD APPLICATION

Steel construction and steel component for corrosion category C1 to C3 low (according to ISO 12944).

### FEATURE & BENEFIT

1. Base for tinting system
2. Fast dry
3. Good adhesion on metal substrates
4. Good corrosion resistance, Salt Spray Test 300 hrs (DFT = 60mic)
5. Easy to apply

### PRODUCT SPECIFICATION

Type : One component alkyd primer base  
Finish : Matt  
Volume solid : 55 ± 2 %  
Specific gravity : 1.43 ± 0.04 g/cc

### APPLICATION

Substrate : Iron Mild, Steel, Zinc Galvanized Steel  
Application condition : 25 - 35°C, 60 - 80%RH  
Application method : Air spray      Brush/Roller  
Thinning ratio by weight : 30 %      15 %  
Thinner : Thinner B Synthetic  
Wet film thickness : 110 microns  
Dry film thickness : 60 microns  
Theoretical coverage : 6.5 m<sup>2</sup>/kg (DFT = 60 microns) before thinning

### FILM PROPERTIES

Drying time : Surface dry = 10 – 15 minutes (30°C)  
Hard dry = 2 hours (30°C)  
Re-coating interval : Minimum 2 hours (30°C)

### OTHERS

Storage Stability : Two years if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)

### **SURFACE PREPARATION**

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with mechanical sander or with chemicals.
4. Provide adequate ventilation during application and drying.

### **INSTRUCTION FOR USE**

Prepare one mixture (A+Thinner) as much as needed for application.

Firstly stir well **UNICOLOR ZINC CHROMATE**, then add **Thinner B** and mix until homogen. Apply mixed material using brush or roller. To achieve a smooth surface use a good quality brush or roller. An air spray application is also possible. Provide adequate ventilation during application and drying.

### **RECOMMENDED COATING SYSTEM**

Preceding coat : -  
Subsequent coat : ZEBRA SYNTHETIC / SYNTHETIC 2000

### **SAFETY PRECAUTION**

This product does not contain any material with heavy metals such as lead. Avoid contact with the skin and eyes. Wear suitable protective coating such as overalls, goggles, dust mask, and gloves. Use barrier cream. This product is flammable. Do not smoke. Do not breathe vapor or spray. Use only explosion proof equipment. Provide adequate ventilation during application.

### **FIRST AID**

Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice  
Skin contact : Wash with soap and water. If irritation occurs, seek medical advice  
Ingestion : Provide symptomatic treatment and seek medical advice  
Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration

### **DISCLAIMER**

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