



Product Description

Alkyd Zinc Chromate is an one component alkyd paint containing zinc chromate anti-corrosive pigment with excellent resistance to abrasion and corrosion agents.

Recommended Use

This coating is as used for painting hole and steel structures.

Surface Preparation

- 1: All surface to be coated should be clean, dry and free from contamination prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504: 1992. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.
- 2: Abrasive blast clean to SSPC-SP2 or St2.
- 3: One layer of alkyd zinc chromate should be used as a primer then this coating is performed.

Product Description

Shade :	RAL colors other than white
Pigment & extender :	50%-55%
Volume solids :	55%-60%
Dry film thickness:	40-50 μ
Wet film thickness:	80-110 μ
Theoretical spreading rate:	8-10 m ² /kg
Thinner:	Alkyd Thinner
Shelf life:	12 months
Specific gravity :	1.1-1.4Kg/Lit
Viscosity:	100-115 k
Salt spray chamber test:	150 h
Humidistatic chamber test:	150 h

Temperature	Touch dry	Full cure	Interval coating
15°C	2-3 hours	Minimum 7 days	24-36 hours
25°C	2-1 hours	7 days	18-24hours
40°C	Maximum 1 hours	5-7 days	16 hours

Environmental Conditions

To prevent moisture condensation during application surface temperature must be at least 3 °C above the dew point .In hot climate, material temperature should be 20 to 25°C.For satisfactory cure air and surface temperature must be above 10°C.Never apply coatings under reverse environmental condition .Paint shall not be applied when wind speed is in excess of 7 m/s.

Application Details

Airless spray	Tip range: 0.017-0.019 Total out put pressure at spray tip not less than 141 bar.
Air spray	Nozzle orifice:1.8-2 mm Nozzle pressure:2-4 bar
Brush	15-20 μ (touch up)
Roller	15-20 μ (touch up)





Application Procedure

- 1: Flush all equipment with recommended cleaner before use.
- 2: Stir the product thoroughly with power mixer.
- 3: For air spray, thin with no more than 5-7% of recommended thinner for workability for airless -spray 3-5% of thinner is normally sufficient.
- 4: Stir during application to maintain uniformity of materials apply wet coat by parallel passes overlap each pass 50% to avoid bare areas.
- 5: Apply wet coat by parallel passes overlap each pass 50% to avoid bare areas.
- 6: Double coat all welds, check thickness of dry coating with a non-destructive dry film thickness gauge. Recoat if greater thickness is required.
- 7: Clean all equipment with recommended cleaner immediately after use.

Safety

This product is flammable keep away from heat and open flame operator (accordance MSDS of this product) must use special mask and safety gloves and operation should be performed in environments which is equipped with suitable air conditions.

Storage Conditions

Store in closed container and away from direct sunlight at temperature of 5-35 °C.

