



Product Description

Vinyl Red Oxide Zinc Phosphate Primer is one component vinyl maintenance primer containing zinc phosphate and red oxide anti-corrosive pigments which has excellent corrosion, abrasion and water resistance, fast drying and excellent flexibility.

Recommended Use

This coating (in the vinyl system) is used for protection the blast steel structures in industrial environments, pipes and tanks interior or exterior and marine structures.

Surface Preparation

- 1: All surface to be coated clean, dry and free from contamination prior to paint application .all surfaces should be assessed and treated in accordance with ISO8504:1992.Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.
- 2: Abrasive blast clean to sa 2 1/2 (ISO 8501:1998) or SSPC_SP10 if oxidation has occurred between blasting and application of this coating .the surface should be re blasted to the specified visual standard.
- 3: Angular surface profile of 40-50μ is recommended.

Product Description

Shade :	Red Brown
Glossy:	Matt
Percentage of Pigment & extender :	45%-55%
Percentage of Volume solids:	47%-50%
Dry film thickness:	60-70 μ
Wet film thickness:	130-160 μ
Theoretical spreading rate:	6-7 m ² /kg
Thinner:	Vinyl Thinner Rangin Zereh Sepahan
Shelf life:	12 months
Specific gravity :	1.3-1.6 Kg/Lit
Viscosity:	110-120 k
Salt spray chamber test:	300h(ASTM B -117)
Humidistatic chamber test:	300 h(ASTM D-2247)

Temperature	Touch dry	Interval Coating
15°C	2-3 Hours	8-12 hours
25°C	Maximum 1 Hours	6-8 hours
40°C	30 Minutes	4hours

Dry times are dependent on applied film thickness, all data in this catalogue are reported at recommended D.F.T in laboratory conditions





Environmental Conditions

To prevent moisture condensation during application surface temperature must be at least 3 °C above the dew point. 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: 0.015-0.021 inch Total out put pressure at spray tip not less than 141 bar.
Air spray	Nozzle orifice: 1.6-1.8 mm Nozzle pressure: 2-4 bar
Brush	20-30μ (touch up)
Roller	20-30μ (touch up)

Application Procedure

- 1: Flush all equipment with recommended cleaner before use.
- 2: Stir the product thoroughly with a power mixer.
- 3: For air spray, thin with no more than 5-10% of recommend thinner for workability for airless -spray 5% of thinner is normally sufficient.
- 4: Apply a wet coat by parallel passes overlap each pass 50% to avoid bare areas.
- 5: Double coat all welds, rough spots, sharp edges, rivets, bolts, etc. to ensure proper thickness.
- 6: If the minimum interval coating of this coating is exceeded, roughening of the surface is necessary to ensure inter coat adhesion.
- 7: Clean all equipment with recommend 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.

