



## Product Description

Zinca is one component synthetic resin containing zinc rich which has good resistance to abrasion and corrosion agents.

## Recommended Use

This coating is used as a one component zinc rich system for protection steel 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. Where necessary, remove weld spatter, and where required smooth weld seams and sharp edges. 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 50-70µ is recommended.

## Product Description

Shade	Gray
Volume solids	50%-55%
Dry film thickness	35-45 µ
Wet film thickness	60-85 µ
Specific gravity	2.8-3.2 Kg/Lit
Shelf life	12 months
Theoretical spreading rate	11-16 m <sup>2</sup> /kg
Thinner	Chlorinated Rubber Thinner Rangin Zereh Sepahan

Temperature	Touch dry	Full cure	Interval coating
15°C	45 Min	Minimum 7 days	Minimum 12 hours
25°C	30 Min	5-7 days	Minimum 8 hours
40°C	10 Min	5 days	6 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: 0.017-0.021 inch
	Total out put pressure at spray tip not less than 141 bar.
Air spray	Nozzle orifice:1.8-2.2 mm
	Nozzle pressure:3-5 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 5-7% of recommend thinner for workability for airless -spray 5% of thinner is normally sufficient.
  - 4: Apply 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. (If the adhesion is reduced, one layer of sealer epoxy or mist coat of after layer is recommended.)
- Note: Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.
- 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.

