



## Product Description

Polyamide Cured Epoxy Sealer is a two component polyamide cured epoxy sealer ad with proper topcoat withstands splash of water , solvents ,chemicals and petroleum products ,also this coating increase adhesion on surfaces and suitable for variety of substrates.

## Recommended Use

If the application of epoxy cycles, interval coating is exceeded, for increase adhesion, this coating is recommended.

## Surface Preparation

1: If the white transparent is used for increase adhesion all surface to be coated clean ,dry and free from contamination prior to paint application ,all surface should be assessed and treated in accordance with ISO8504 :1992,where necessary ,remove weld spatter , and where required smooth weld seam and sharp edges. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

2:If the Red Brown shade is as used primer , abrasive blast clean to Sa 21/2 (ISO8501-1 : 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 .

Note: Angular surface profile of 50-70  $\mu$  is recommended.

3: Polyamide Cured Epoxy Sealer is suitable for application to concrete, concrete should be cured for a minimum of 28 days prior to coating. The moisture content of the concrete should be below 6% .All surfaces should be clean, dry and free from curing compounds, release agents. Efflorescence, grease, dirt, oil, old coatings and loose or disintegrating concrete.

## Product Description

Shade:	RAL colors
Percentage of Volume solid:	55%±4%
Percentage of Weight solid;	70%-±2%
Dry film thickness:	30-40 $\mu$
Wet film thickness:	60-70 $\mu$
Theoretical Coverage:	4-5 m <sup>2</sup> /kg
Mixing ratio by weight: B/A	20:5
Specific gravity :	1.2-1.6 Kg/Lit
Viscosity:	100-120 k
Salt spray chamber test:	250h( ASTM B-117)
Humidistatic chamber test:	250h(ASTM D -2247)
Recoating interval time:	1-7 days
Curing mechanical :	Solvent vaporization and reaction between two components
Thinner :	Epoxy Thinner Rangin Zereh Sepahan
Shelf life:	A= 12 month , B= 12 month
Flash point:	27°C

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





Temperature	Touch dry	Interval coating	Pot life
15°C	4-5 hours	18 hours	8 hrs
25°C	2-3 hours	14 hours	6 hrs
40°C	1-2 hours	10 hours	4 hrs

## 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: 0.015-0.021inch 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	15-20μ (touch up)
Roller	Not commended.

## Application Procedure

- 1: Flush all equipment with recommended clear before use.
  - 2: Stir part A with a power mixer.
  - 3: Add curing agent (part B) to part A, and continue stirring for 5 minutes.
- Note: since the pot life is limited and shortened by high temperatures, do not mix more material than will be use.
- 4: For air spray, thin with no more than 10-15% of recommend thinner for workability for airless spray 10% of thinner is normally sufficient.
  - 5: Stir during application to maintain uniformity of materials apply wet coat by parallel passes overlap each pass 50% to avoid bare areas.
  - 6: Double coat all welds, rough spots, sharp edges, rivets, bolts, etc. to ensure proper thickness.
  - 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.

