

Product Description

Zinc Rich Epoxy Primer is used as a primer layer to cover metal surfaces and steel structures, industrial and marine installations and machinery, pipelines, tanks, indoor and outdoor installations, refinery, petrochemical, gas equipment, etc. in the vicinity of corrosive environments.

Physical and chemical properties

Color:	grey		
Finish:	Flat		
Volume solids:	65±3%		
Specific gravity (mixed):	2.2 ± 0.05gr/cm3		
D.F.T:	60-70 microns		
Full Cure:	7 days		
Pot Life:	4 hrs.		
Flash point:	29°C		
Drying time at 25°C;			
touch dry	3 hrs		
dry to handle	6-8hrs		
full cure	7 days		
Recoat intervals:	10°C	25°C	40°C
min	25 hrs	12 hrs	5 hrs
max	SEE REMARKS	SEE REMARKS	SEE REMARKS
Shelf life:	6 months (25°C) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage. Storage environment should be ventilated and away from sunlight and high temperature (above 30 ° C).		

Executive Procedure

The method of mixing components:

Before starting the painting operation, the metal surface must properly sandblasted thoroughly cleand and free from any moisture,grease,oil,dust,rust and previous paint residues. For steel and iron surfaces, the work surface must meet the requirement of the5900 SA2SIS standard with a cleanliness level of 2 1/2Sa or the SSPC standard with a cleanliness level of SP10.After removing the dust caused by sandblasting, the painting opration is carried out immediately.

Before use, mix compound A continously with suitable mixer for 5 to 10 minutes, then slowly add compound B to it and continue stirring for 5 minutes until the mixture becomes well-uniform. The prepared mixture is left to rest for 10 minutes from the time of mixing, and then appropriate thinner is slowly added to it over 5 minutes while stirring.



Equipment and Method Color application

Method Of Consumption	Airless	Brush (touch-up)
Nozzle Diameter	0.015"-0.021"	1mm-2mm
Pressure output	110-150 Bar(Min)	
Recommended thinner:	PXP 620-1 %3—%5	PXP620-1 %8-%12

How to store and maintain

- Store in a warehouse away from direct sunlight
- Storage temperature between 5 and 35 degrees Celsius
- Do not store in a humid environment

Safety

This coating contains highly flammable organic solvents and should not be placed near flames, power lines, or electrical equipment. Be careful not to inhale dust and vapor from the spray, avoid contact of the wet paint film with the skin and eyes, and follow safety precautions regarding flammable materials during transportation and storage. When applying paint in closed environments, proper ventilation should be used to prevent explosions and similar hazards (this also facilitates better drying of the paint). Please be sure to wear special work clothes (to cover all parts of the body), safety gloves, appropriate respiratory masks, and safety glasses when applying.

