



PolyPrime 2K Zn Ph

Two Component Anti Corrosive Zinc Phosphate Primer

DESCRIPTION

PolyPrime 2K Zn Ph is a two component, polyamide cure zinc phosphate anti corrosive epoxy primer for steel surfaces. PolyPrime 2K Zn Ph is composed of zinc phosphate, non lead pigments and inert mineral fillers in a polyamide binder with aromatic hydrocarbons and alcohol solvents.

TECHNICAL DATA

Colour	Grey	Application Temp	> 10 < 110 °C
Theoretical Coverage	5 – 8 ltr/m ²	Pot Life at 30 °C	Upto 4 hrs
Dry Film Thickness	60 - 100 μ	Curing Time Full Cure	7 days

***Depending upon surface condition.**

APPLICATIONS

- Suitable for use on blast cleaned steel where a complete epoxy system is required. It is suitable as patch primer for treatment of manually prepared steel.

ADVANTAGES

- Resists most chemical environment when used with recommended topcoats.
- Resists water / corrosion
- Provides good anti corrosion protection
- Facilitates adhesion of finish onto difficult substrates
- Non toxic, safer to use as compared to chromate version
- Penetrates and seal the capillary pores
- Easy to use and cost effective

APPLICATION METHODOLOGY

- Remove dust, flakes or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before proceeding application
- Remove majority of rust scales from of rusting steel structure / reinforcement by wire brush, chipping or grinding



- Thoroughly dust down the surfaces
- Ensure that the substrate temperature is in the range of 10 – 110 °C
- Apply PolyRust Off on the surface where wire brush is not reachable and allow the surface to dry for 30 minutes. Apply PolyPrime 2K Zn Ph on dry surface
- Mix Com A and B in the ratio of 5.5 : 1 by volume and in the ratio of 8.9 : 1.1 by weight
- Apply PolyPrime 2K Zn Ph by brush roller or spray. When applied by airless spray gun, ensure that the minimum working pressure of 140 kg/cm² with a spray tip size 0.43 – 0.53 mm and a spray tip angle of 65°. It is important that the base and the hardener are at the minimum temperature of 15°C when mixed for satisfactory spray application
- Poly Prime 2K Zn Ph may be over coated with conventional paints or two pack epoxy paints / polyurethane paints. Over coating can be done after 6 – 8 hrs, however, it is recommended to coat after 12 – 24 hrs of application of primer to obtain superior performance.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents. Clean hands with soap after application
- Avoid contact with skin / eye. In case of unlikely contact with skin / eyes, rinse immediately with plenty of clean water, then clean with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKING

Available in 20 Litre pack.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 12 months.