

KEMAPOXY 131 ZnP /S

Anti – Corrosion For Iron And Steel Epoxy Primer Coating .

Description:

- **KEMAPOXY 131ZnP/S** : is a coloured epoxy primer coating 2 components based on liquid epoxy resin , a formulated polyamide hardener, and zinc phosphate pigments.
- **KEMAPOXY 131 ZnP/S** : approved by national organization for potable water and sanitary drainage.
- **KEMAPOXY 131 ZnP/S** : Complies with ES 6447, CMB TECH. Spec. No. 5103).

Fields of Use:

- Coating of steel tanks , pipes, machines and steel structures that are subjected to the actions of chemical or servere conditions.
- Coating steel surfaces of bridges and road structures, water and sewage plants.
- Protecting steel reinforcement against rust.
- Coating for high – voltage steel towers.

Advantages:

- Is characterized by its hardness and resistance to friction and abrasion.
- Is easy to apply with brush , or spray.
- Available in white and grey colour.
- Good ahesion between concrete and reinforcing steel coated with **Kemapoxy 131 ZnP/S**.
- High resistivity against the effect of chemicals, oils salts and solvents.

Technical Data :(at 25 °C)

Colour	grey , white
Solid content	62 % by wt. , 46% by vol
Density kg/l	1.35 ± 0.05 kg/l
Mixing ratio A: B by weight	3 A : 1 B
Pot life	3 hours (decreases at higher temperature)
Touch Dry	2 hours
Final setting time	10 hours
Full hardness	7 days
Viscosity (Ford cup no.4)	35 ± 3 sec.
Rate of use (theoretical)	225 gm/m ² /coat (75μ)

Method of Application:

- The surface should be cleaned from dust, oil grease and rust should be removed.
- Mix well the two components of **KEMAPOXY 131 ZnP/S** using a slow speed mixer (300 R.P.M maximum).
- Surface should be coated within mentioned pot life using brush, roller or sprayer
- In case of need to thin , it may be thinned with Kemsolve 5 (5-10 %).
- Cleaner : **Kemsolve 1** for tools.

Safety Precautions:

- Application should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water. Don't use solvent.
- If the material is splashed into the eyes, they should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

Storage / Shelf life:

- 2 years under suitable storage conditions in closed containers.

Packages:

- 1 kg , 4 kg for the 2 components.