

Kemapoxy 131 ZnP

Anti- Corrosion Epoxy Primer and Top coat For Iron and Steel

Description:

- **KEMAPOXY 131 ZnP:** is solvent-free two components epoxy coating based on liquid epoxy resin, formulated amine hardener, and zinc phosphate fillers.
- **KEMAPOXY 131 ZnP** : complies with ES 6447.
- **KEMAPOXY 131 ZnP** : approved by National organization for potable water and sanitary drainage for water projects.

Fields of Use:

- Lining the potable water steel tanks.
- Coating of steel tanks, pipes, machines and steel structures subject to chemicals or severe 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:

- It allows high resistance to friction and abrasion.
- It is easy to be applied by brush, roll or by spray.
- Available in white and grey colours and can be produced in other colours.
- Solvent free.
- Good adhesion between concrete and reinforcing steel coated with.
- Anti fungus and anti bacteria.
- High resistance against the effect of chemicals, oils salts and solvents.
- Resistant to high, frequent temperatures up to 100° C.

Technical Data :(at 25 °C)

Colour	Grey, white
Solid content (by weight)	100 %
Density	1.55 ± 0.05
Mixing ratio A : B by weight	3 : 1
Pot life	30 min
Initial setting time	8 hour
Final setting time	24 hours
Full hardness	7 days
Recoating time	18 hours
Min. application temperature	10°C
Heat resistance	90°C
Thinner	KEMSOLVE 4, KEMSOLVE 3 (5% when needed)
Rate of use (Theoretical)	250 gm/m ² (160 µ)

Directions for Use:

- The surface should be free of rust, dust, oil and grease.
- Mix well the two components of **KEMAPOXY 131 ZnP**.
- Surface should be coated within the mentioned pot life.
- One coat or 2 coats may be used, in case of applying 2coats; the first coat may be thinned with **KEMSOLVE 3** or max. 5% **KEMSOLVE 4**.
- Clean tools by **KEMSOLVE 1**.

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:

- Kits (A+B) 1 kg or 4 kg.
- Follow the mixing ratios-by weight-indicated on the package.