

Kemapoxy 131 ECI (Z25)

One component, zinc rich Epoxy Primer Coating .

Description:

- **KEMAPOXY 131 ECI (Z25)** is a primer coating, one component based on liquid epoxy resin , zinc dust and high quality pigments as an effective agent for cathodic protection .
- **KEMAPOXY 131 ECI (Z25)** Complies with ESS 196 .

Fields of Application:

- 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 structure also in repair concrete works .
- Protecting steel reinforcement against rust .

Advantages:

- Is easy to apply with brush , or spray after thinning with Kemsolve 6.
- High resistivity against the effect of chemicals and salts.
- Is characterized by its hardness and resistance to friction and abrasion.
- All epoxy, PUR, chlorinated rubber (with or without solvents) top coats can be applied on **KEMAPOXY 131 ECI (Z25)**.
- Providing cathodic protection to steel surfaces, so it prevents rust.
- Good adhesion on iron and steel surfaces.

Technical Data :(at 25 °C)

Colour	grey
Solid content	77.6 ± 1 % by wt., 50 ± 1 % by volume
Density	1.85 ± 0.05 kg/L
Zinc ratio in DFT	25%
Initial setting time	30 minutes
Final setting time	12 hours
Recoating time	After 3 - 4 hours
Thinner	Kemsolve 6
Cleaner	Kemsolve 1
Rate of use (theoretical)	280 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 Ingredients of **KEMAPOXY 131 ECI (Z25)** .
- Surface should be coated once after adjusting the viscosity to suit the applied tool .
- Another coating could be applied then dried (if needed) then the suitable top coat should be applied (as epoxy , PUR, chlorinated rubber) .

Safety Precautions:

- Application should be carried out in a 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 .
- If the material is splashed into the eyes, these should be immediately washed with water , and then report to an eye specialist .
- Do not eat or smoke during use .

Storage:

- 12 months under suitable storage conditions in closed containers .

Packages:

- 1 kg , 5 kg & 20 kg