

### Kemapoxy 131 ECI

One component Free Epoxy Primer Coating .

#### Description:

- **KEMAPOXY 131 ECI** is primer coating one component based on liquid epoxy resin , and zinc phosphate high quality pigments as an effective agent for cathodic protection .
- **KEMAPOXY 131 ECI** 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 a suitable solvent.
- High resistivity against the effect of chemicals, salts and rust high resistance.
- Is characterized by its hardness and resistance to friction and abrasion.
- Available in white or grey colour.
- All epoxy, PUR, chlorinated rubber (with or without solvents) top coats can be applied on **KEMAPOXY 131 ECI**.
- Providing cathodic protection to steel surfaces.
- Good adhesion on metallic surfaces.

#### Technical Data :(at 25 °C)

Colour	white and grey
Solid content	80 ± 1 % by wt., 61 ± 1 % by volume density
Density	1.65 ± 0.03 kg/L
Elasticity	excellent 6 mm ( cupping test )
Initial setting time	2 hours
Final setting time	8 hours
Thinner	Kemsolve 6
Cleaner	Kemsolve 1
Rate of use (theoretical)	205 gm/m <sup>2</sup> /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** .
- 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:

- 0.5 kg , 1 kg , 5 kg & 20 kg