

### Kemapoxy 131 ZnP HB

Anti- corrosion high build Epoxy Coating for Iron And Steel.

#### Description:

- **KEMAPOXY 131 ZnP HB** : is a two components high build solvent - free pigmented epoxy coating with zinc phosphate fillers.
- **KEMAPOXY 131 ZnP HB** : complies with ANSI-AWWA C210, ES 196 and ES 6447 .
- **KEMAPOXY 131 ZnP HB** : approved by national organization for potable water and sanitary drainage.

#### Fields of Use:

- Lining the potable water steel tanks.
- Coating of steel tanks, pipes, machines and steel structures subject to the actions of 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.
- Is easy to apply with brush, roll or airless spray.
- Available in white colour and can be produced in other colours.
- Non-containing solvents.
- Thick film could be achieved in one coat system.
- It allows high resistance against the effect of chemicals, oil, salts and solvents.
- Resistant to high frequent temperatures till 100°C.

#### Technical Data :(at 25 °C)

|                              |  |
|------------------------------|--|
| Colour                       | grey, white & brown red oxide                            |
| Solid content (by weight)    | 100 %  |
| Density ( A + B )            | 1.40 ± 0.02 kg /l  |
|                              | 1.63 ± 0.02 kg /LI (comp A), 1.02 ± 0.02 kg / I (comp B) |
| Mixing ratio A:B by weight   | 3:1 ( 1.8:1 by volume)                                   |
| Pot life                     | 45 min   |
| Initial setting time         | 5-6 hours ( depends on air humidity)                     |
| Final setting time           | 24 hours   |
| Full hardness                | 7 days   |
| Recoating time               | 18 hours   |
| Min. application temperature | 10°C   |
| Heat resistance              | 90°C   |
| Viscosity ( FC/8 )           | 50 sec   |
| Thinner                      | KEMSOLVE 3, KEMSOLVE 4 ( 5% when needed)                 |
| Rate of use (theoretically)  | 280 gm / m <sup>2</sup> / 200 micron                     |

# Protective Coating Products

## Steel Primers

### Directions for Use:

- The surface should be free of rust, dust, oil and grease.
- Mix well the two components of **KEMAPOXY 131 ZnP HB** and continue mixing gently during application.
- Surface should be coated within the mentioned pot life.
- 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:

- 2years under suitable storage conditions in closed containers.

### Packages:

- 1 , 4 Kg ( group of 2 components ).