**Kemapoxy 131 ZR**

Zinc Rich Epoxy Coating Anti-Corrosion Primer for Steel.

**Description:**
- **KEMAPOXY 131 ZR:** is a two components and solvent containing epoxy paint filled with rich zinc to provide the highest protection against corrosion of iron and steel.
- **KEMAPOXY 131 ZR:** it is also used to protect exposed steel reinforcement against rust and to obtain higher bond between steel and concrete.
- Complies with ES 196.

**Fields of Use:**
- **KEMAPOXY 131 ZR** is used to protect steel reinforcement against rust and to obtain higher bond between steel and concrete.
- Steel bridges, trusses and steel structures.
- Steel pipes.

**Advantages:**
- Prevents corrosion and rust of steel.
- Easy to apply.
- Adheres firmly to steel surface.
- High resistant to water, salts and chemicals.
- Zinc content in dry film thickness is higher than 90%.

**Technical Data:** (at 25 °C)
- Colour: Grey
- Solid content (by weight): 75 ± 0.01 %
- Density: 2.18 ± 0.10 kg/l
- Mixing ratio A : B by weight: 15 : 1
- Pot life: 45 min
- Initial setting time: 1 hour
- Final setting time: 18 hours
- Full hardness: 7 days
- Recoating time: 12 – 24hours
- Min. application temperature: 10°C
- Thinner: KEMSOLVE 5 (10% when needed)
- Rate of use (Theoretical): 265 gm / m² / (40 µ)

**Directions for Use:**
- Surfaces should be free of rust, dust, oil and grease.
- The two components of **KEMAPOXY 131 ZR** should be thoroughly mixed together directly prior to application by brush or roller.
- When required to apply 2 coats of **KEMAPOXY 131 ZR**, the second coat must be applied after a minimum 12 hours after the first coat at (25°C).
- 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:**
- 2 years under suitable storage conditions and closed containers.

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