

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.
- Adheres firmly to steel surface.
- Zinc content in dry film thickness is higher than 90% .
- Easy to apply.
- High resistant to water, salts and chemicals.

Technical Data : (at 25 °C)

Colour	Grey
Solid content (by weight)	75 ± 0.01 %
Zinc content in DFT	90 ± 1 %
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 / m ² / (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.