

Kemapoxy 141

Anti - Corrosion Zinc Epoxy Primer for Iron and Steel.

Description:

- **KEMAPOXY 141:** is a two components, solvent containing epoxy paint modified with zinc and de-oxidants to provide the highest protection against corrosion of iron and steel.
- **KEMAPOXY 141 :** Complies with ES 196.

Fields of Use:

- **KEMAPOXY 141:** is used to protect steel reinforcement against rust and to obtain higher bond between steel and concrete.
- Steel bridges, trusses and other steel structures.
- Steel pipes.

Advantages:

- Prevents corrosion and rust of steel.
- Adheres firmly to steel surface.
- Easy to apply.
- High resistant to water, salts and chemicals.

Technical Data : (at 25 °C)

Colour	Grey
Solid content	53 ± 1 % (by volume)
Density	1.68 ± 0.02 kg/l
Mixing ratio A : B by weight	5 : 1
Pot life	4 hours (decreases in higher temperature)
Initial setting time	2 hours
Final setting time	24 hours
Full hardness	7 days
Recoating time	12 – 24hours
Min application temperature	5°C
Thinner	KEMSOLVE 5 (0 - 10% when needed)
Rate of use (Theoretical)	240 gm/m ² /coat (75μ)
(Practical)	24000 / (100 - losses%) gm/m ² /coat (75μ) (losses depends on the method of application and the skill of the staff, Ranges from 10 - 40 %)

Directions for Use:

- Surfaces should be free of rust, dust, oil and grease.
- The two components of **KEMAPOXY 141** should be thoroughly mixed together directly prior to application by brush or roller or by spraying.
- When it is required to apply 2 coats of **KEMAPOXY 141**, the second coat must be applied at a minimum 12 hours after the first coat.
- 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 / Shelf life:

- 2 years under suitable storage conditions in closed containers.

Packages:

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