

Protective Coating Products

Epoxy Paints

Kemapoxy 100 S

Modified Aluminum Epoxy Protective Coating for Steel.

Description:

- **KEMAPOXY 100S** is a self priming, high build solvent containing two components modified aluminum epoxy coating with excellent adhesion to slightly rusted steel and most aged paints.
- Complies with ASTM C 881 , ES 196.

Fields of Use:

- Is particularly recommended for repainting rusty steel and for upgrading old deteriorated coatings.
- Ideal for steel structure, piping, highway bridges and exposed structural steel.

Advantages:

- It does not soften existing coatings; it may be used over most types of coatings including inorganic rich primers.
- High solid content.
- Provides a reflective and anti-solar film, which reduces heat absorption, ultraviolet ray effects and weathering attack.

Technical Data :(at 25 °C)

Colour	Silvery
Solid content (by weight)	86± 1 %
Density	1.16±0.02 kg/l
Mixing ratio A: B by weight	4 : 1
Pot life	4 hours(decreases at higher temperatures)
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Recoating time	18 - 24 hours
Min. application temperature	5°C
Heat resistance	120°C(Stable with change in color at 180°C)
Thinner	Kemsolve 5(Maximum 10% if required)
Rate of use (theoretical)	225gm/ m2/ coat (150 µ)

Directions for Use:

- Remove any oil or grease from surfaces to be coated.
- Mix the two components of **KEMAPOXY 100S** thoroughly.
- Apply using brush, roller or sprayer.
- **KEMAPOXY 100S** can be used as primer and as a final coat. For normal protection Works one coat is usually enough, when surfaces are subjected to higher chemical effects, another coat is required.
- In case of bad weathering conditions, two or more coats may be necessary.
- 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 in closed containers.

Packages:

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



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