

Kemapoxy 129

Final Epoxy Coating for Steel and Concrete.

Description:

- **KEMAPOXY 129** is a two components coloured epoxy solvent containing.
- Containing pigments, it is used as a final coat for corrosion protection.
- It can be applied once or twice on the primer coating to achieve a gloss finish.
- Complies with ASTM C 881, Requirements of ES6447 and ES3303.
- Approved from National Organization for potable water and sanitary drainage for potable water and sanitary projects.

Fields of Use:

- **KEMAPOXY 129** : is applied when high resistance to chemicals and corrosion is required, e. g. containers, pipes, machines road and bridge constructions.
- Anti fungus and anti bacteria.
- It can be used in drinking water tanks and food stores.
- It can be used in hospitals for operation rooms and hospital facilities.

N.B. Epoxy paints are resistant to chemicals and friction but when exposed to ultraviolet radiation, some color changes occur only while retaining chemical and mechanical resistance.

Advantages:

- High resistance to the effects of chemicals.
- High resistance to mechanical stresses.
- Is supplied in different colours.
- Has no harmful effect.

Technical Data : (at 25 °C)

Colour	White and coloured
Solid content (by weight)	68 ± 1 %
Density	1.32 ± 0.02 kg/l
Mixing ratio A: B by weight	2: 1
Pot life	1 hours (decreases at higher temperatures)
Initial setting time	2 hours
Final setting time	18 hours
Full hardness	7 days
Recoating time	12 - 24 hours
Min. application temperature	5°C
Thinner	KEMSOLVE 5 (10% when needed)
Rate of use (theoretical)	200 gm/m ² / coat (75µ)

Chemical resistance : (Immersion time 7 days) (For black, bricky -red and grey colours)

Sulphuric acid	10%	ex	Sodium hydroxide 50%	ex	
	50%	g	Potassium hydroxide 50%	ex	
			Ammonium nitrate	ex	
Hydrochloric acid	25%	g	<hr/>		
			Fuels	Petrol	ex
Phosphoric acid	50%	g		Benzin	ex
			<hr/>		
Nitric acid	20%	g	ex: excellent (no softening + no bubbles + no change in colour)		
Acetic acid	5%	g	g: good (no softening + no bubbles +slight change in colour and weight)		

Protective Coating Products

Epoxy Paints

Directions for Use:

- The surface should be dry and free of dust, oil and other impurities. It is recommended to first apply a corrosion preventive primer such as **KEMAPOXY 131** for steel or **KEMAPOXY 101** for concrete.
- After thoroughly mixing the components, **KEMAPOXY 129** can be applied by painting, rolling or spraying.
- Clean tools by **KEMSOLVE 1**.
- N.B. To avoid color deviation from one patch to another, only use the same patch number in the same area.

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 in closed containers.

Packages:

- Kits (A + B) 1 kg and 3 kg.
- Follow the mixing ratios - by weight - indicated on the package.