

Protective Coating Products

Tar Epoxy Paints

Kemapoxy 120

Anti – Chemical Coal Tar - Epoxy Coating For Steel and Concrete.

Description:

- High solids coating, solvent containing produced from coal tar and epoxy resins, In two components.
- Complies with ES 3303.

Fields of Use:

- Steel and concrete surfaces of containers, pipes, underground water and marine structures and sewage plants.

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:

- It has a very good bonding strength to most surfaces and high resistance to most chemicals.
- High solid content.

Technical Data : (at 25 °C)

Colour	Black or brown
Soild content (by weight)	91 ± 1%
Density	1.30 ± 0.02 kg/l
Mixing ratio A : B by weight	1: 3
Pot life	3 hours (decreases at higher temperatures)
Initial setting time	24 hours
Final setting time	3 days
Full hardness	7 days
Recoating time	24-48 hours
Min. application temperature	5°C
Thinner	KEMSOLVE 5 (10% when needed)
Rate of use (theoretical)	200 gm/m ² / coat (130 µ)

Chemical resistance : (Immersion time 7 days)

Sulphuric acid	30%	ex	Sodium hydroxide 50%	ex
	50%	g		ex
Hydrochloric acid	10%	ex	Potassium hydroxide 50%	ex
	25%	g	Ammonium nitrate	ex
Phosphoric acid	10%	ex	Fuels	Petrol ex
	50%	g		Benzin ex
Nitric acid	5%	ex	ex: excellent (no softening + no bubbles + no change in colour)	
	20%	g	g: good (no softening + no bubbles + slight change in colour and weight)	
Acetic acid	5%	g		

Directions for Use:

- The surfaces must be dry, clean and free from oil, grease and dust,.. etc
- Weak concrete must be removed and rust must be removed from steel surfaces.
- Components A and B must be mechanically mixed to reach a uniform mixture.
- **KEMAPOXY 120** can be applied by using a roller, brush or rubber shovels.
- It is preferable to use more than one coat of **KEMAPOXY 120**.
- The number of coats depends on coating thickness required.
- 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 in closed containers.

Packages:

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