

Protective Coating Products

Tar Epoxy Paints

Kemapoxy 110

High Chemical Resistance Coal- Tar Epoxy Coating for Steel and Concrete.

Description:

- **KEMAPOXY 110** is a two components solvent containing epoxy modified with coal tar.
- **KEMAPOXY 110** complies with ES: 3303.
- Approved from National Organization for Potable Water and Sanitary Drainage for sanitary projects.

Fields of Use:

- **KEMAPOXY 110** : is applied when high resistance to chemicals and corrosion is required e.g., containers, pipes, under ground water and marine structures, machines, road and bridge construction, and sewage plants.
- It can be applied in one or more coats to achieve required thickness.
- Coat for underbody of cars & vehicles.

Advantages:

- Good resistance to the effect of chemicals and waste water.
- High bonding strength on various surfaces as concrete or steel.

Technical Data : (at 25 °C)

Colour	Black or brown
Soild content (by weight)	64 ± 1 %
Density	1.17 ± 0.02 kg/l
Mixing ratio A : B by weight	4 : 1
Pot life	4 hours (decreases at higher temperatures)
Initial setting time	6 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)	335 gm / m ² / coat 100 μ

Chemical resistance : (Immersion time 7 days)

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

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Directions for Use:

- The surface should be dry, clean and free of dust, oil and other impurities.
- After thoroughly mixing the 2 components of **KEMAPOXY 110**, it can be applied by brush, rolling or spraying
2 coats of **KEMAPOXY 110** are recommended.
- If **KEMAPOXY 110** is processed in closed rooms, they should be sufficiently ventilated.
- 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 , 4 kg and 16 kg .
- Follow the mixing ratios - by weight - indicated on the package.