

Kemapoxy 151 E

High Mechanical & Chemical Resistance, For walls and floors of potable water & Industrial projects .

Description:

- **KEMAPOXY 151 E** is a high quality two components solvent free epoxy coating based on liquid epoxy resin , selected pigments, additives and a formulated hardener .
- Complies with Egyptian standards specifications for potable water projects .
- Approved by national organization for potable water and sanitary drainage for potable water projects .
- Complies with ES 6447.

Advantages:

- Anti fungus and anti bacteria.

Fields of Application:

- Coating for walls , screeds and flooring subjected to the actions of chemicals and severe conditions e.g walls and flooring of potable water tanks, chemical plants , textile shops , workshops , distilleries dairies , laundries, abattoirs , garages, nuclear power stations , stores, and hospital rooms .
- Coating for bridge and road structure , water and sewage plants .
- Coating for steel tanks, pipes , machine and all steel structure that are subjected to the actions of chemicals or severe conditions .
- Can be applied on wooden , cement and plastered surfaces or steel surfaces .

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.

Technical Data :(at 25 °C)

Colour	white and grey
Solid content	100 %
Density (kg/L)	1.34 ± 0.05
Mixing ratio A: B	7 : 1 by weight
Pot life	75 min (decreases at higher temperatures)
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Application of second coat	18-24 hours
Min. application temperature	5°C
Rate of use on leveled surfaces	205 gm/m ² /one coat (150 micron thickness)
Solvent	Kemsolve 151E or Kemsolve 5 (5% if required)
Chemical resistances	refer to technical department

Application :

- The surface should be dry and cleaned from dust, oil , grease, loose particles and rust .
- It is recommended to apply a primer coat of KEMAPOXY 101 for concrete surfaces or KEMAPOXY 131 ZNP for steel surfaces before coating with Kemapoxy 151 E .
- Mix well the two components of Kemapoxy 151 E using a slow speed mixer (300 r.p.m. maximum) then pour the mixture in flat container to increase the pot life .
- Kemapoxy 151 E can be thinned with 5% Kemsolve 151 E or Kemsolve 5 if required .
- Coating is applied using brush roller or airless sprayer .
- Apply one or more coats of Kemapoxy 151 E according to the thickness required . At least 18 hours should elapse between successive coats .
- Tools cleaned by using Kemsolv 1 .

Notes :

- It is recommended not to mix the product if its temperature is higher than 25°C and then pour the mix in flat container to avoid decrease of pot life .

Protective Coating Products

Epoxy Paints

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.
- 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 and temperature not more than 30 °C.

Packages:

- 1 & 4 kg (groups of A + B).

** Follow the mixing ratios by weight as indicated on the pails.