

Kemapoxy 150 JM

Electrical Insulating Solvent Free Epoxy Compound.

Description:

- **KEMAPOXY 150 JM** is a two components solvent free liquid epoxy system.
- Test specifications:
 - ASTM D 150 for Dielectric constant.
 - ASTM D 257 for Volume resistivity.
 - ASTM D 495 for Arc resistance test.

Fields of Use:

- Insulation of electrical cables.
- Stopping up of end windings and coils of high voltage electrical machines.
- Insulating mortar used to fill grooves and slots.

Advantages:

- High transparency and anti-yellowish.
- Cures without shrinkage.
- High thermal resistance.
- By means of insulating adding fillers, it enables to get an insulating epoxy mortar.

Technical Data : (at 25 °C)

Colour	transparent
Solid content	100 %
Density	1.15 ± 0.02Kg/l
Mixing ratio A : B by weight	3: 1
Pot life	45 min
Initial setting time	10-12 hours
Final setting time	24 hours
Full hardness	7 days
Recoating time	24hours
Min application temperature	5°C
Rate of use	(350-400 gm/m ² /coat for painting) (0.3-0.6 kg/liter for epoxy mortar)

Directions for Use:

- The surface to be coated should be dry, free of dust, oil grease and loose particles.
- Mix thoroughly the two components of **KEMAPOXY 150 JM** using a slow rotating electric mixer (maximum 300 r.p.m) for 3 minutes.
- Apply **KEMAPOXY 150 JM** by brush or roller.
- **KEMAPOXY 150 JM** can be mixed with non - conductive filling materials and remixed for 3 minutes to obtain insulating mortar, ratio of **KEMAPOXY 150 JM** to filling materials ranges from 1 :2 to 1:6 according to the required consistency then lay epoxy mortar over a primer coat of **KEMAPOXY 150 JM** .
- 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.

Packages:

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