

kemapoxy 103 T

Injection Tar- Epoxy Resin for Concrete and Asphalt Cracks.

Description:

- **KEMAPOXY 103T** Adhesive is a low viscosity 2 components Epoxy - Tar combination together with an appropriate hardener with high solid content.
- Complies with ASTM C 881.

Fields of Use:

- Repair of Asphalt and concrete cracks.
- Primer for epoxy - tar compounds.
- Adhesive for different materials like steel, zinc, aluminium, concrete, asphalt, wood ... etc.

Advantages:

- High solid content.
- High bonding properties.
- Low viscous so that it guarantees penetration into the deepest parts of cracks.
- Excellent tough elastic industrial adhesive.

Technical Data : (at 25 °C)

Colour	Black
Solid content (by weight)	99±1 %
Density	1.15± 0.02 kg/l
Mixing ratio A : B by weigh	1 : 2
Pot life	2 hours (decreases at higher temperatures)
Initial setting time	18 hours
Final setting time	36 hours
Full hardness	7 days
Recoating time	18-24 hours
Min application temperature	5°C
Heat resistance	80°C (wet). 120°C (dry)

Directions for Use:

- Cracks in horizontal surfaces can be treated as follows:
Widen the cracks to about 5 mm through the depth of crack when possible.
After thoroughly mixing the 2 components apply the resin directly from the container into the crack surface until it is completely filled.
- In case of deep cracks and those in vertical surfaces, pressure must be applied in the following procedure:Widen the cracks surface to about 5mm and close it using quick setting mortar.
Drill and adhere small metallic pipes having a one - way valve nipple. Using special injection pump, apply the resin during pot life until the crack is filled. After resin has been cured remove the pipes and fill in holes with mortar.
- **KEMAPOXY 103T** can be mixed with dry filler to obtain thicker asphalt, like layers on bridges, ramps, footpaths and the like.
- Clean tools by **KEMSO LVE 1**.

Construction Repair & Strengthening Products

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:

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