

Kemapoxy 103

Injection Epoxy Resin for Concrete Cracks.

Description:

- **KEMAPOXY 103** injection resin is solvent free low - viscosity 2 - Components based on specifically modified epoxy resins.
- Complies with ASTM C 881.

Fields of Use:

- Injection for concrete cracks.
- Solvent free primer for solvent free epoxy compounds.

Advantages:

- Solvent free.
- Non shrink.
- Fills the path of cracks even the farrest points.

Technical Data : (at25 °C)

Colour	Transparent
Solid content (by weight)	100%
Density	1.10 ± 0.02 kg/l
Mixing ratio A : B by weight	2: 1
Pot life	45 minutes(decreases in higher temperature)
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Flexural strength	500 kg/cm ²
Thinner	KEMSOLVE 4 (5% when needed)
Min application temperature	5°C

Directions for Use:

- The following procedure is for treating small and shallow cracks in horizontal surfaces :
Widen the crack to approximately 5 mm. After thoroughly mixing the 2 components, apply the resin during pot Life until the crack is completely filled.
- In case of deep cracks and those in vertical surfaces, pressure must be applied in the following procedure: Widen the crack's surfaces to approximately 5 mm. close the crack's surface using a quick setting mortar.
Drill and adhere small pipes. These pipes contain a one - way valve nipple.
Using a special injection pump and compressed air, apply the resin until the crack is completely filled.
After resin has been cured, remove pipes and fill in holes with mortar.
- If the resin is processed in closed room, 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.

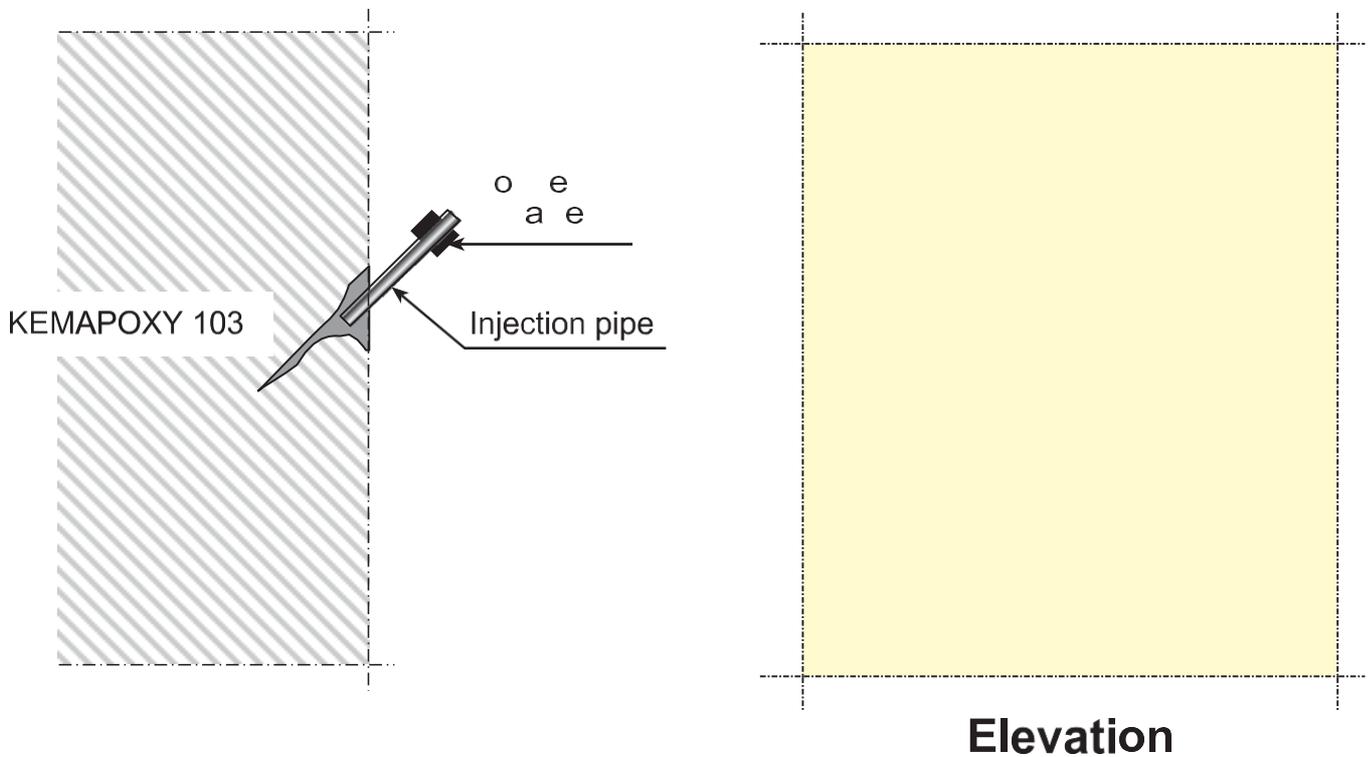
Construction Repair & Strengthening Products

Storage/shelf life:

- 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.



Repairing of cracks by injection
using KEMAPOXY 103