

Protective Coating Products

Epoxy Mortars & Putties

Kemapoxy 150 F

Fiber Reinforced Epoxy Mortar.

Description:

- **KEMAPOXY 150F** is a ready to use two components epoxy mortar based on solvent free epoxy material and contains glass fibers.
- **KEMAPOXY 150F** has high properties against the mechanical stresses and the effect of chemicals.
- **KEMAPOXY 150F** is especially suitable for repairs of the concrete structures.
- Complies with ASTM C 881.

Fields of Use:

- Strengthening, repairing and filling of wide cracks of the structural elements of the reinforced concrete structures.
- Protective and waterproofing layers which are subjected to the effect of mechanical stresses and chemicals.

Advantages:

- High resistance against the mechanical stresses, tensile stresses, up to 300 kg/cm^2
- High elasticity with excellent crack overbridging properties.
- Especially suitable as strengthening layer for the different reinforced concrete elements.
- High resistance against the effect of most chemicals.
- Ready to use after mixing the two components without adding any other filling material.

Technical Data : (at 25 °C)

Solid content (by weight)	100%
Density	$1.32 \pm 0.02 \text{ kg/l}$
Mixing ratio A:B (by weight)	2 : 1
Pot life	2 hours
Initial setting time	3 - 4 hours
Final setting time	24 hours
Full hardness	7 day
Min. application temp	15°C
Heat resistance	up to 250 °C
Compressive strength	$> 400 \text{ kg/cm}^2$
Thinner	KEMSOLVE 3, KEMSOLVE 4 (3-5% when needed)
Rate of use	About $1.5 \text{ kg/m}^2/\text{mm}$.

Directions for Use:

- The concrete surface must be dry (dampness not more than 4 %) , free of dust, laitance, oil, grease and all other impurities which can affect the adhesion.
- Apply a primer coat of **KEMAPOXY 150**.
- Component B should be poured into component A and mixed together using a suitable mechanical mixer for a period of 3 minutes. The velocity of the mixer must not exceed 300 r.p.m.
- 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, in closed containers.

Packages:

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