

Kemapoxy 104

Epoxy- compound For Bonding Old To Fresh Concrete.

Description:

- **KEMAPOXY 104** adhesive is a medium – viscosity 2 components product based on modified epoxy resin.
- **KEMAPOXY 104** complies with ASTM C 881 & Test Method ASTM C 882.

Fields of Use:

- Bonding fresh to old concrete in repair works, also in strengthening of concrete elements.

Advantages:

- High bonding properties to cementitious surfaces.
- **KEMAPOXY 104** can be applied directly to wet surfaces as it does not require previous priming due to good penetration.

Technical Data : (at25 °C)

Colour	Beige
Solid content	100%
Density	1.49 ± 0.02 kg/l
Mixing ratio A:B by weight	2 : 1
Pot life	60 minutes (decreases in higher temperature)
Initial setting time	18 hours
Final setting time	48 hours
Full hardness	7 days
Minimum application temperature	5°C
Bond strength (ASTM C882)	114 kg/cm ²
Rate of use	250 - 300 gm/m ²

Directions for Use:

- The surface should be clean and free of dirt, oil etc.
- After thoroughly mixing the 2 components of **KEMAPOXY 104** it can be applied during its pot life by painting
- The new concrete should be cast within 4 hours of **KEMAPOXY 104** application, provide that this coat still wet.
- If **KEMAPOXY 104** is processed in closed rooms they should be sufficiently ventilated.
- Clean tools by **KEMSOLVE1**.

Safety Precautions:

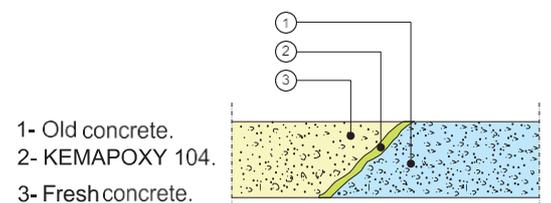
- Application should be carried out in a well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water.
- If the material is splashed into the eyes, these should immediately washed with water, and then report to an eye specialist.
- Do not eat or smoke during application.

Storage/shelf life:

- 2 years under suitable storage conditions in closed containers.

Packages:

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



Kemapoxy 104 for construction joints