

## Kemapoxy 104 W

Epoxy-Resin For Bonding Old To Fresh Concrete.

### Description:

- **KEMAPOXY 104 W** adhesive is a medium – viscosity 2 components product based on modified water based epoxy resin.
- **KEMAPOXY 104 W** complies with ASTM C 881 Type II grade II class C.

### Fields of Use:

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

### Advantages:

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

### Technical Data : (at25 °C)

Colour	Transparent / milky
Solid content	33.2% (by wt)
Density (comp. A+B)	1.05±0.02 kg/L
Mixing ratio (by wt)	1 A: 5 B
Pot life	2 hours
Setting time	
Initial	7 hours
Final	18 days
Full hardness	7 days
Minimum application temperature	5°C
Thinner	distilled water (when required)
Rate of use (theoretical)	200 gm/m <sup>2</sup> /coat

### Directions for Use:

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

### 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:

- 2 years under suitable storage conditions in closed containers.

### Packages:

- 1 kg or 3.6 kg kits (A+B).
- Follow the mixing ratios - by - weight - indicated on the package.