

Kemapoxy 165G 6

Multi – Purpose,3 components Epoxy Grout.

Description:

- Is a three components epoxy based on modified epoxy resin with appropriate hardening system and selected fillers.
- When required, flow characteristics can be adjusted to suit the particular project and application by varying the quantity of part C that is used.
- Epoxy resin complies with ASTM C 881.

Fields of Use:

- High strength Grouting
- Fixing of steel bars, anchors, tie rodsspecially in vertical sides .

Advantages:

- High mechanical strengthes.
- High chemical resistance.

Technical Data :(at 25° C)

| | |
|----------------------------------|---|
| Colour | gray |
| Solid content | 100% |
| Density | 2.25 ± 0.1 kg / l |
| Mixing ratio A:B:C (by weight) | 4:1:30 |
| Pot life | 30 min (decreases at higher temperatures) |
| Maximum Grout Depth | 50-60 mm |
| Initial setting time | 4hr ± 15 min |
| Final setting time | 24hr |
| Full hardness | 7 days |
| Min application temperature | 15 °C |
| Load capacity | open for light weight after 10 hr |
| Compressive strength | > 800 kg / cm ² after 7 days |

Directions for Use:

- It is important that the area to be repaired to be dry, clean and free from dust, dirt and other impurities .
- The three components of **KEMAPOXY 165G 6** are supplied at the correct mix ratio.
- The hardener (component B) is poured into (component A) . Care must be taken that the hardener is completely emptied from it's container.
- Add component C to the mixture, mixing of the three components is best achieved using a slow speed mixer (maximum speed of 300 r.p.m) fitted with a suitable paddle , mix thoroughly the three components.
- It is essential that the mixing should be carried out using side - to side and top - to - bottom motions. Mixing is continued for approx . 3 minutes until the mixture has attained a homogenous appearance.
- the mortar is processed by casting in more than one layer (max.grout depth 5-6 cm) ensuring that the previous layers have initial hardened and cooled
- clean tools by KEMSOLVE 1



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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, these 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.

Packages:

- 35 kg kits (A+B+C)
 - 4 kg Component A
 - 1 kg Component B
 - 30 kg Component C
- Follow the mixing ratios - by weight - indicated on the package.