Kemapoxy 165G

Self Levelling Flooring Epoxy Grout.

Description:

- Is a three components epoxy based on modified epoxy resin with appropriate hardening system and selected fillers (smooth or rough).
- 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:

- Ready to use premeasured components requires only good mixing to produce excellent flow.
- Self levelling for anti - chemicals flooring specially in the floors which exposed to aggressive chemicals and mechanical stresses.
- Kemapoxy 165 G smooth for thicknesses less than 5mm.
- Kemapoxy 165 G rough for thicknesses 5mm or more .

Advantages:

- Self levelling.
- High mechanical strengthes.
- High chemical resistance.
- Available in two tyheo smooth or rovgh suitable for thicknesses less than or greater tham 5mm.

Technical Data :(at 25 ºC)

Colour	: grey
Solid content	: 100 %
Density	: 2.2 ±0.1 kg/L
Mixing ratio A : B : C (by weight)	: 4 : 1: 25
Pot life	: 30 min (decreases at higher temperatures)
Maximum Grout Depth	: 50-60 mm
Initial setting time	: 4 hr ± 15 min
Final setting time	: 24 hours
Full hardness	: 7 days
Min. application temperature	: 15°°C
Load capacity	: open for light weight after 10 hr
Compressive strength	: 600-800 kg / cm² (depending on the amount of component (C) used)
Rate of use (theoretical)	: 2.2 kg/m² /mm.

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** 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

NB. where a very flowable mix is required, the aggregate content may be reduced accordingly, mixing ratio (A: B: C) by weight be (4:1:20)

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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:

- 30 kg kits (A+B+C)

4 kg	Component A
1 kg	Component B
25 kg	Component C

- Follow the mixing ratios - by weight - indicated on the package.

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