

## MORA EPOXY 516G

Self Levelling Flooring 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:

- ✚ 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.

### Advantages:

- ✚ Self levelling.
- ✚ High mechanical strengths.
- ✚ High chemical resistance.

### Technical Data : (at 25 °C)

Colour	grey
Solid content	100 %
Density	2.2 ±0.1 kg/L
Mixing ratio, A: B: C (by weight)	8.8: 3.2: 10
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	800 kg / cm <sup>2</sup>
Rate of use (theoretical)	2.2 kg/m <sup>2</sup> /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 MORA EPOXY516 G 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 its 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 MORASOLVE 1.

**NB.** where a very flowable mix is required, the aggregate content may be reduced accordingly, mixing ratio (A: B: C) by weight be (8.8:3.2:10)

#### **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:**

1 years under suitable storage conditions.

#### **Packages:**

22 kg kits (A+B+C)

8.8 kg Comp A

3.2 kg Component B

10 kg Component C

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