

ISONEM[®] EP GROUT MORTAR



Epoxy Based Self Leveling Grout Mortar

It is a flowable when mixed, self leveling casting mortar with high mechanical strength, consisting of special mineral fillers and solvent free epoxy components. Suitable for application to non-wet slightly damp surfaces. High chemical resistance. Fast hardens, does not shrink. Water impermeable. It is resistant to changing weather conditions. Mechanical impact and vibration resistant. Flowability is good for thin layer applications. Applicable on concrete, polyester, wood, stone, grout, asbestos cement, steel, aluminum and epoxy materials.

USAGE AREAS:

- Machine foundations
- Fixing the steel columns to foundation
- Repair and strengthening of slabs, columns, beams and so on.
- Repair of concrete floors
- Leveling out of the damaged surfaces on factory and warehouse floors
- Reinforcement bars, anchoring jobs

SPECIFICATIONS:

- Solventfree,
- It does not shrink,
- Flowability is very good
- Applicable to non-wet slightly damp surfaces,
- Fast hardens,
- Ready to mix components are rated in the packaging.

APPLICATION METHOD:

Surface Preparation: The application surfaces should be free of all kinds of pollutants such as dust, dirt, oil, etc. which may have adverse effect on the adhesion.

Mixing: The sets supplied in the ready to use sets according to the mixing ratio, should be prepared for a required mixture - amount of application, paying attention to the pot life. Before starting the mixture it must be ensured that the material temperatures are between +15 and + 25 ° C. The complete contents of the component B should be poured into the component A and it should be ensured that there are no contents of the component B remained. A + B should be mixed with a low speed electric mixer (max. 250rpm) for at least 3 minutes until a homogeneous mixture is obtained, paying attention not to drag any air inside the mixture. Then, without interrupting the mixing process, component C (powder component) should be poured slowly and continuously into the mixture. Until the homogeneous mixture is obtained the mixture process is continued.

Application: To remove the dragged air let the mixture rest for 1-2 minutes before applying. Pour the product onto the application area and provide an appropriate pressure to allow the movement of the material to continue and on the other hand continue pouring. The pourings for large volumes areas should be poured in layers.

Pot Life:

Temperature	Pot Life
10°C	60 minutes
20°C	40 minutes
30°C	30 minutes

Pot life begins as soon as the components A and B are mixed. Pot life and drying rate are reduced at higher temperatures and increased at lower temperatures.

CONSUMPTION: 2 kg/m² for approximately 1 mm thickness

PACKAGING: 25 kg set (Component A: 3.1kg metal container, Component B: 1.9 metal container, Component C: 20 kg craft bag)

STORAGE CONDITIONS/SHELF LIFE: 12 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5 °C to +35 °C at dry conditions. Protect from excessive temperature and frost.

