EPOAIS 3F, THREE-COMPONENT SELF-LEVELLING EPOXY MORTAR.



Descriptio

Three component self-levelling mortar based on epoxy resins and aggregates, suitable as epoxy filling mortars and for anchors. High resistance to compression.

Aplication

EPOAIS 3F is a high mechanical resistance epoxy mortar suitable for fixing bolts and anchors, anchoring of reinformcements in horizontal for concretes, fillings, cracks reparations for concrete, etc... Filling under supporting sheets in bridges or machine beds, fillings or anchorings that requires high mechanical resistances and quick commisioning.

Surface preparation

The surface to be applied must be clean, dry and firm. For concretes and mortars de curing-time must be at least 28 days.

Modes of application

Stir separately the components before mixing manually or low-revolution electric mixer. Let it stand.
- Blend A+B components at least for a minute manually or low-revolution electric mixer and then add C

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component homogenizing the kit very good.
- The admixture is applied by pouring as it is a fluid and self-levelliing material.
- In occluded places it is required to achive the elimination of air in order to avoid hollow areas.
- Take into account that the mixture life increases at lower temperature and less quantity of blended product and decreases at higher temperature and higher quantity of blended product.
- The admixture is suitable to do always in containers with mouth wide in order to not decreases the open-air of it.

Clean up

With epoxy solvent while is wet. After it hardens only by mechanical means.

Data sheet

DensityA Comp : 1,129 kg/lt

DensityB Comp : 1,03 kg/lt

Mix ratioA: 32% B: 3% C: 65%

Color(s)Translucent

Compressive Strength800 to 900 kg/cm2

Flexural tensile strength300 to 400 kg/m2

Open Time20 minutes at 20ºC

Working temperaturefrom 5 to 30ºC

Performance

1,8 kg/sqm per 1 mm of thickness

Storage

2 years in their original packages tightly closed, protected from the weather.

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