

### Conface 2P

Non-Shrink Epoxy Mortar and Bonding Slurry

#### Description:

- **Conface 2P** consists of 3 components: 2 liquids solvent free epoxy-based components and one dry compound.
- Epoxy resin complies with ASTM C 881.

#### Fields of Use:

- Slurry for filling bores and cracks in concrete surfaces, bonding fresh to old concrete. Mortar for concrete repair, high resistant flooring and as multi purpose adhesive.

#### Advantages:

- High mechanical properties.
- Depending on the mixing ratio of liquid to dry components (1: 5 or 1:2) a non shrink mortar or bonding slurry is obtained.
- Can be applied on slightly moist surfaces.

#### Technical Data : (at 25 °C)

Solid content	100 %
Density	2.2 - 2.5 kg/l
Mixing ratio A : B (by weight)	1 : 3
Mixing liquid to powder (A+B):C	About 1:5 for mortar, 1:2 for bonding slurry
Pot life	60 minutes (decreases at higher temperatures)
Initial setting time	18 hours
Final setting time	36 hours
Full hardness	7 days
Compressive strength	500 kg/cm <sup>2</sup>
Rate of use ( theoretical)	2.2 - 2.5 kg / m <sup>2</sup> / mm thickness

#### Directions for Use:

- The 2 liquid components should be thoroughly mixed together before adding the dry compound. The entire mix should be processed until homogeneous state is obtained. A mechanical mixer should be used if large quantities are required.
- **For mortars** : the recommended mix ratio is 1:5 (mixed liquid components : dry compound) by weight. The amount of dry compound in the mix can be decreased if a pourable consistency is required. A thickening agent as airoxil can be added to the mix when non sag properties are desired . When applying mortar to vertical surfaces, the amount of thickening agent should be determined.
- **For a bonding slurry**: the recommended mix ratio is 1:2 (mixed liquid components: dry compound)
- The mortar should be applied to a well cleaned and freshly primed surfaces.
- Suitable priming materials are **CONFACE 2P** slurry.
- To fill any bores that may appear and to seal the top surface, it is recommended to smoothen the mortar surface, within a few hours of application using **CONFACE 2P** slurry.
- **CONFACE 2P** mortar does not require curing with water.
- Clean tools by **KEMSOLVE 1**.

#### 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, they should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

#### Storage / Shelf life:

- 2 years under suitable storage conditions in closed containers.

#### Packages:

- Kits ( A+B) 1 kg and 4kg.
- Component C (powder) 50kg.
- Follow the mixing ratios - by weight - indicated on the package.