



## CONSOL 82 LP

### DESCRIPTION

**CONSOL 82 LP** is a solvent-free, thixotropic, 2component structural epoxy resin adhesive. Perfect bond for new concrete surface to old concrete.

### RECOMENDED FOR

**CONSOL 82 LP** is used to bond fresh, plastic concrete, to hardened concrete and steel. Structural adhesive for concrete, masonry, metal, wood etc.

### BENEFITS

**CONSOL 82 LP** is a deeply penetrative with high adhesive qualities. Other benefits are:

- Long pot life
- High strength bonding
- Excellent adhesion to most structural materials
- High early and final strength
- Insensitive to moisture before, during and after cure
- High effective, even on damp surfaces
- Can be applied with roller

### PRODUCT DATA

#### Coverage

0.3 – 0.8 kg/m<sup>2</sup> depending on substrate condition

#### Colour

Light grey

#### Packaging

5 kg set

#### Shelf Life

12 months when unopened and stored correctly

### TECHNICAL DATA

#### Mix Density

~1.5 kg/Litre

#### Pot Life

Approx. 120 minutes

#### Mixing Ratio

Comp A : B = 2 : 1 parts by weight and volume

#### Compressive strength

- > 40 MPa (7 days)
- > 45 MPa (28 days)

#### Flexural strength

- > 40 MPa (28 days)

#### Tensile strength

- > 17.5 MPa (28 days)

#### Bond strength

To Concrete > 2 MPa (28 days)

### INSTRUCTION FOR USE

#### Surface Preparation

Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove dust, laitance, grease, curing compound, impregnation, waxes, foreign particles, disintegrated materials.

#### Preparation work

Concrete: Sandblast or use other approved mechanical methods.

Steel : white material finish

#### Mixing

Pre-Mix each component. Proportion 2 part Component A to 1 part Component B into clean pail. Mix thoroughly 3 minutes with a paddle on low speed until uniform in color.

#### Application

To bond fresh concrete to hardened concrete. Apply by brush, roller, or broom, place fresh concrete while **CONSOL 82 LP** is still tacky.

### HANDLING PRECAUTIONS

- Avoids contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.