



CONSOL 82 LP

DESCRIPTION

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

RECOMMENDED 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/m² depending on substrate condition

Colour

Light grey

Packaging

Part A : 3.33 kg
Part B : 1.67 kg
Part A+B : 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 parts 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.