



# CONSOL PRIMER HYBRID EPOXY

## Water Based Epoxy Primer

### DESCRIPTION

**CONSOL PRIMER HYBRID EPOXY** is two components, water based epoxy and solvent free. The system is formulated to bind to damp, dry, and green concrete.

### RECOMMENDED FOR

**CONSOL PRIMER HYBRID EPOXY** can be used as primer and adhesion promoter for epoxy and polyurethane floor on:

- Concrete floors
- Cementitious Mortar Screed
- Epoxy Cement Floor
- Epoxy Mortar Floor
- Epoxy Concrete Floor

### BENEFITS

**CONSOL PRIMER HYBRID EPOXY** provides the following beneficial properties such as :

- Low viscosity
- Solvent free
- Low odour
- Excellent bonding strength
- Water based
- Excellent adhesion to dry, damp, green concrete

### COVERAGE

Material consumption approx. 0.15 - 0.3 kg/m<sup>2</sup> depends on substrate conditions

### TECHNICAL DATA

#### Form

Liquid

#### Color

Part A : Milky white, liquid

Part B : Green to brown, liquid

#### Density

Part A : 1.05 kg/l

Part B : 1.05 kg/l

#### Bond Strength

15 N/mm<sup>2</sup> (failure on concrete)

#### Pot Life (30°C)

Approx. 20 minutes

#### Storage

Dry, cool, shaded place

#### Shelf Life

1 years if stored in unopened original container

#### Packaging

Part A : 2.1 kg

Part B : 3.3 kg

### INSTRUCTION FOR USE

#### Substrate Condition

Surfaces must be structurally sound, clean, and free from loose particles, oil, grease, and all other contaminants. The compressive strength of the substrates shall not be less than 20 N/mm<sup>2</sup> and the bond strength of the substrate must be at least 1.5 N/mm<sup>2</sup>.

#### Surface Preparation

Remove oil, grease, and wax contaminants by scrubbing with industrial grade detergent or degreasing compounds followed by mechanical cleaning. Cement laitance, loose particles, mould release agents, curing membrane and other contaminants must be removed from the surface by shot blasting, scarifying or grit-blasting followed by vacuum cleaning.

#### Mixing

As Primer

Mixing use a low speed (300 rpm) electric mixer, mix part A&B for at least 3 minutes until the mix is uniform.

#### Mixing Ratio:

General primer : **A : B = 2.1 : 3.3**



## APPLICATION

### As Primer

Apply **CONSOL PRIMER HYBRID EPOXY** by squeegee or brush on to the prepared surface.

If the surface has moisture barrier, allow the moisture barrier to dry before apply **CONSOL PRIMER HYBRID EPOXY**.

### Curing:

At 30°C, foot traffic access in 6 hours, fully cured in 48 hours.

## PRECAUTIONS

- **CONSOL PRIMER HYBRID EPOXY** contain certain chemicals which can cause skin irritation if exposed and respiratory reaction if inhaled
- Keep away from open light, including welding
- Avoid contact with skin and eyes
- If skin contact occurs, wash skin thoroughly
- Wear protective glove and eye protection during work
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

Consol<sup>®</sup>  
CONCRETE SOLUTION