



# CONSOL CURE E

## Concrete Curing Compounds

### DESCRIPTION

A liquid curing compound for the prevention of premature water loss in concrete. Ready for use and simple to apply. Complies with ASTM C 309-94 type I class A.

### RECOMMENDED FOR

**CONSOL CURE E** is particularly useful in large areas of exposed concrete where a solar reflective membrane is preferred, such as:

- Highways
- Runways and taxiways
- Aprons and hard standings
- Rigid pavement
- Concrete slabs
- Car park

**CONSOL CURE E** is sprayed on to newly concrete surface to form a thin film barrier against premature water loss. Without disturbance to the normal setting action, the concrete is then allowed to cure and achieve maximum properties.

### BENEFITS

**CONSOL CURE E** provides the following beneficial properties to concrete surfaces:

- Reduce incidence of plastic cracking
- Ensures achievement of desired strengths
- Minimize shrinkage
- Reduce dusting
- Alleviates other costly methods such as using wet hessian or watering.

### PRODUCT DATA

#### Form

Liquid

#### Appearance

Milky white liquid

#### Packaging

200 litres sealed drum

#### Storage

Dry, shaded place. Protect from direct sunlight and frost

#### Shelf Life

**CONSOL CURE E** can be stored for 12 months if stored as recommend in unopened original containers

### TECHNICAL DATA

#### Chemical Base

Emulsified polyolefins

#### Density

Specific density: 0.98 ± 0.02 kg/L (at 25 °C)

### INSTRUCTION FOR USE

#### Coverage

0.15 – 0.2 kg/m<sup>2</sup> (depending on wind, humidity and temperature)

#### Substrate Quality

The surface water of the newly laid concrete must have evaporated (between ½ to 2 hours, depending on temperature, etc.)

#### Application

Stir well before use. **CONSOL CURE E** has been designed for spray application to the newly laid concrete. A thin film of **CONSOL CURE E** is applied to the whole surface using a hand or spray gun. Remaining **CONSOL CURE E** films have to be removed prior to application of any screed or coating. After application the treated are must be protected from rain for at least 2-3 hours.

### LIMITATION

- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- **CONSOL CURE E** can be sprayed using most common spraying equipment.
- Should not be overcoated with other coating or treatments.
- If material is to be applied over the top of surface treated with **CONSOL CURE E**, sandblasting or solvent treatment is recommended as surface preparation.
- Early application of **CONSOL CURE E** will help prevent plastic shrinkage cracks from occurring by reducing the amount of water evaporation.

### PRECAUTIONS

- Avoid 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.
- A full Material Data Sheet is available from Kimia Konstruksi Indonesia on Request.