



CONSOL CURE S

Curing Compounds

DESCRIPTION

CONSOL CURE S is a liquid curing compound to prevent of premature water loss in concrete.

RECOMMENDED FOR

As a curing compound for concrete, it is applied to fresh concrete surfaces to form impervious membrane which protects the concrete from rapid water evaporation during initial curing stages. It recommended for building, highways, roof deck and manufacturing industries.

BENEFITS

CONSOL CURE S beneficial properties such as:

- Reduces dusting
- Reduces incidence of plastic shrinkage
- As a concrete curing system that surface treatment or paint are to be applied
- Increase abrasion resistance

PRODUCT DATA

Form

Liquid

Colour

Transparent

Packaging

220 kg drum

Storage

Dry, cool, shaded place

Shelf-life

1 year if stored in unopened original container

TECHNICAL DATA

Type

Sodium silicate

Density

1.07 ± 0.02 kg/L

INSTRUCTION FOR USE

Coverage

0.15 - 0.2 kg/m²

(depending on wind, humidity, and temperature)

Surface Preparation

Vertical Surfaces

After striking shutters dampen down the concrete thoroughly with fresh water allow the surface water to drain off then apply **CONSOL CURE S** either with standard spray equipment or a lambs wool roller (spray applications are preferred for full coverage). Observe that the surface is fully wetted. Where a highly durable abrasion resistant surface is required, i.e. in severe exposure conditions, apply a further coat of **CONSOL CURE S** after 3 days. Subsequent surfacing systems can be applied after 7 days.

Horizontal Surfaces

Apply **CONSOL CURE S** with spray equipment or a lambs wool roller immediately after final troweling when all bleed water has disappeared. Ensure full surfaces wetting and apply not less than the coverage specified below.

Important Notes

- To prevent clogging, regular cleaning of jet sprays during application is recommend
- **CONSOL CURE S** can be sprayed using most common spraying equipment.
- Early application of **CONSOL CURE S** will help reduce plastic shrinkage cracks from occurring by reducing the amount water evaporating. Concrete curing compounds, however, will not counter the effects of cracking that may occur as a result of long drying shrinkage. Standard concrete practice must be apply when positioning construction joints and shrinkage control joints.

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.