



CC WAX CURE

Water based paraffin dispersion concrete curing compound

DESCRIPTION

CC WAX CURE is a water-based wax emulsion curing compound formulated from selected materials to form a low viscosity curing compound. CC WAX CURE is supplied as clear and white pigmented colors, the clear color is white liquid, which forms a wet white film when applied to concrete surfaces, this dries to form a transparent film. The white pigment color is a white milky liquid, which forms a white film after drying and reflects 60 – 80% of the sunlight.

APPLICATIONS

CC WAX CURE is used mainly for newly cast concrete and cementitious surfaces to retain sufficient moisture to ensure full hydration of the cement. Typical application areas include:

- Runways and roads.
- Roof decks.
- Retaining walls.
- Irrigation canals.
- Concrete floors.
- Concrete tanks.

PACKAGING

CC WAX CURE is available in 20 liter pails and 200 liter drums.

ADVANTAGES

- Minimizes potential surface cracking and shrinkage.
- Helps achieving concrete desired strengths.
- Promotes a harder dust free surface.
- Single component.
- Can be spray applied to reduce labor cost.

TECHNICAL PROPERTIES METHOD OF USE

CC WAX CURE should be spray applied as soon as possible to the fresh concrete, provided that the surface water has evaporated. Do not apply if bleed water is forming, or is present on the concrete surface. shake well before use to ensure even pigment dispersion .

CC WAX CURE should be spray applied, the spray nozzle should be held approximately 450 mm from the concrete surface and passed back and forth to ensure complete coverage. Pump pressure should be maintained to give an even, fine spray. The applied film should be protected from rain for at least 3 hours; care should be taken to ensure that the film is not broken. In case of formed concrete, CC WAX CURE should be applied immediately after de-shuttering. Dry surfaces may prevent correct film formation and cause absorption of the CC WAX CURE into the concrete surface, which may lead to staining and difficulty in later degradation and removal.



TECHNICAL PROPERTIES

Appearance: white liquid
Specific gravity: 0.985 ±0.025
CC WAX CURE is tested in accordance with ASTM C309

REMARKS

It is important that the complete removal of the CC WAX CURE is ensured prior to the application of any surface finishes or additional surface treatments. CC WAX CURE can be removed by using high pressure steam, water jetting or light sand blasting. CC WAX CURE minimum application temperature is 10°C.

CLEANING

Tools and equipment can be cleaned with soaped water when wet. Dried CC WAX CURE should be removed with CCC Solvent.

COVERAGE

The recommended coverage rate is 5 – 6 m²/liter.

STORAGE

Store in a dry area out of direct sunlight between 5°C and 35°C.

SHELF LIFE

CC WAX CURE has a shelf life of 12 months from date of manufacture for the clear version, and 9 months for the pigmented, if stored in proper conditions in un-opened drums. If these conditions are exceeded, CCC Technical Department should be contacted for advice. CC WAX CURE should mix or shake well before use.

CAUTIONS HEALTH AND SAFETY

CC WAX CURE is not classified as hazardous material. In case of accidental splashes to the eyes , rinse with clean water and seek medical advice . Suitable protective gloves and goggles should be worn. For further information refer to the Material Safety Data Sheet. CC WAX CURE is nonflammable.