



# CHEM-CURE 30D

100% Resin-based Dyed Curing Compound of a Solution of Resinous Solids in Petroleum Solvents

## PRODUCT DESCRIPTION

CHEM-CURE 30D is a 100% resin-based red-dyed transparent curing compound of a solution of resinous solids in petroleum solvents. CHEM-CURE 30D will form a film on a concrete assembly which will eventually dissipate after the critical intermediate curing stage is completed. Will allow subsequent applications of materials such as: paint, epoxy, mastic, etc. CHEM-CURE 30D contains no oil or wax and concrete will retain its natural appearance.

## FIELDS OF APPLICATION

CHEM-CURE 30D can be used for curing fresh concrete to prevent losses of hydration moisture and to prevent formation of cracks.

## FEATURES

- Ready to use.
- Easily applied by spraying.
- Produces hard and dense concrete.
- Minimizes hair checking, thermal cracking and other defects.
- Provides a premium grade film, which optimizes water retention.
- Improves compressive and tensile strengths of concrete.
- Improves resistance to the abrasion and corrosive actions of salts and chemicals. It minimizes dusting.

## PACKAGING

Product	Packaging
CHEM-CURE 30D	5 Gallon (19.93 Liter) Pail
	55 Gallon (208.19 Liter) Drum

## TECHNICAL DATA

Specific Gravity	1.027
Freeze Temperature °F (°C)	20 (-7)
Freeze Harm	None
Boiling Point °F (°C)	310 (154)
Coverage ft <sup>2</sup> /Gal (m <sup>2</sup> /Liter)	200 (4.9)
Solvent Clean up	Mineral Spirit
Odor	Petroleum
Color	Red dyed dries clear
Polymerization	Excellent
Toxicity	500 ppm
Flammability	1
Fumes During Treatment	Yes
Environmental Hazards	None

### Applicable Standards

ASTM C-309, type 1, class C or D  
AASHTO-M-148, Type 1, Class A or B  
Corps of Engineers CRD-C-300 (Reflectance waived)

## APPLICATION DATA

**Preparation:** As soon as the concrete assembly has reached the set stage and the finishing is completed, make sure the surfaces of the concrete assembly are free from ponded water and proceed to application.

**Application Method:** thoroughly agitate materials immediately prior to use. Decant materials into a handpump spray can, liquid tank for power spray equipment or install drum pump directly to material container. Application equipment must be clean and free of any previously used materials. Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from horizontal concrete surfaces.

**Coverage:** 200 ft<sup>2</sup>/gal. (4.91 m<sup>2</sup>/L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

## CLEANING

Clean all tools and sprayers with water and soap.

## STORAGE

Store all containers between 40°F and 95°F (5 and 35°C). Shelf life is two years in its original unopened packaging. Don't allow product to freeze.

## SAFETY PRECAUTIONS

Do not allow material to come into contact with eyes, hands, glass, aluminum or glazed tile systems.

## TECHNICAL ASSISTANCE

Please contact International Chem-Crete Corporation for Technical Personnel.

## WARRANTY

**LIMITED WARRANTY:** International Chem-Crete Inc. warrants that, at the time and place we make shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

**DISCLAIMER:** The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Inc. is not under any circumstances liable to connection with the use of information. As International Chem-Crete Inc. has no control over the use to which others may put its products, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in particular circumstances. Responsibility remains with the architect or engineer, contractor and owner of the design,

application and proper installation of each product. Specifier and user shall determine the suitability of the product for

specific application and assume all responsibility in connection therewith. AM22419.

**Manufactured By:**



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