



CHEM-CURE 20

Water-based White Pigmented Concrete Curing Compound

PRODUCT DESCRIPTION

CHEM-CURE 20 is a water-based, liquid membrane curing compound, white pigmented to provide a heat reflective surface film. It provides a moisture impermeable film which retains over 90% of the hydration waters in the curing concrete assembly. This film creates a hard, dense concrete which prevents premature cracking and checking on the surface.

FIELDS OF APPLICATION

CHEM-CURE 20 can be used for curing fresh concrete to prevent losses of hydration moisture and to prevent formation of cracks. CHEM-CURE 20 Provides optimum curing when protection from the sun's heat is desired. It reflects the sun's rays to keep the concrete surface cooler which prevents excessive heat buildup which can cause thermal cracking. It is ideal for application on exterior, horizontal surfaces, such as highways, airports, and street and curb paving.

FEATURES

- Water-based
- Volatile Organic Compound (VOC) Complaint.
- Non-Toxic
- 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 20	5 Gallon (19.93 Liter) Pail
	55 Gallon (208.19 Liter) Drum

TECHNICAL DATA

Specific Gravity	1.25
Freeze Temperature °F (°C)	30 (-1)
Boiling Point °F (°C)	225 (102)
Coverage ft ² /Gal (m ² /Liter)	200 (4.9)
Solvent Clean up	Water
Odor	Slightly soapy
Color	White
Toxicity	None
Flammability	None
Fumes During Treatment	None
Environmental Hazards	None

Applicable Standards:

ASTM C-309, Type 2, Class A
AASHTO-M-148, Type 2, Class A
AFAA Spec. P-610-2.11 (e)

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.

Mixing: any settlement can be re-dispersed with gentle agitation prior to use. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

Application Method: 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.

Use a sprayer and a spray nozzle that produces a flow of 0.5 GPM under 40 psi of pressure. Do not allow spray nozzle to drip.

Drying Time: approximately two hours depending on temperature, humidity, and wind conditions. Restrict foot traffic for at least four hours.

Coverage: 200 ft²/gal. (4.91 m²/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.

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Manufactured By:



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