

PRODUCT DATA

BRO-CURE

Chemically reactive silicate-based concrete curing, hardening, and sealing compound.

VOLATILE ORGANIC COMPOUND
(VOC) REGULATORY COMPLIANCE

BRO-CURE CONCENTRATE

BRO-CURE RTU

USEPA	OTC I	OTC II	AZ-MCAQMD	CARB - 2000	CARB - 2007	CARB-2013/CAQMD	CANADA
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HOW IT WORKS

BRO-CURE chemically reacts with new and old concrete to cure, harden, and dustproof without changing the normal concrete surface texture.

APPLICATIONS

- ◆ Use on concrete surfaces that are to receive further treatment and where water curing, burlap, or polyethylene are not viable alternatives.
- ◆ Use to harden older, porous concrete to minimize surface dust caused by abrasion and carbonation.
- ◆ Use on concrete surfaces in parking garages that are to receive sealers, joint sealants, or traffic topping membranes; on precast "T" beam surfaces that are to receive a bonded concrete topping; and on floors and walls that are to receive paints, coatings, grouts, seamless quartz flooring, or other surface treatments

ADVANTAGES

- ◆ Leaves no residue and will not impair the application, penetration, or adhesion of subsequently applied surface treatments. Eliminates the need for mechanical or chemical removal.
- ◆ Concrete surface texture is not affected, which minimizes skidding and slipping. This is especially important on horizontal decks that will be exposed to foot or vehicular traffic within a few days following application.
- ◆ Improves concrete's resistance to acidic compounds and staining.
- ◆ Increases compressive strength and reduces surface crazing and cracking.
- ◆ Sprays easily.
- ◆ Contains no hydrocarbon solvents.
- ◆ Costs less than membrane cures.
- ◆ Contains a red fugitive dye for easy, uniform application.
- ◆ Also available in a concentrated version that requires dilution (BRO-CURE CONCENTRATE).
- ◆ Meets DIN EN 1504-2 Bond Pull-Off Strength requirements and does not interfere with the natural bonding properties of concrete.
- ◆ Green Engineered®—better for health and the environment.
- ◆ Meets all federal and state VOC requirements.

⚠ PRECAUTIONS ⚠

- ◆ When applied before the final troweling, BRO-CURE may accelerate initial set. Allow ample time for the finishers to complete their work. Reapply BRO-CURE after finish troweling is complete.
- ◆ If BRO-CURE comes into contact with glass, marble-like surfaces, or unfinished metal such as aluminum, flush immediately with water. BRO-CURE is not removable after one hour and may permanently etch these surfaces.
- ◆ Avoid skin and eye contact with BRO-CURE.
- ◆ Protect from freezing. Allowing product to freeze can cause the container to rupture as well as separation of the active components, resulting in poor product performance. Product that is suspected of freezing should not be used.
- ◆ Verify that product is within the "USE BY" date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.
- ◆ Not recommended for application when the air temperature is less than 40° F (4° C).

USE INSTRUCTIONS

- ◆ Request current product literature, labels, and material safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions, and construction have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test by the purchaser or installer in advance of field scale dilution or use is mandatory (irrespective of any other verbal or written representations) to verify product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- ◆ BRO-CURE is ready to use. Do not dilute. BRO-CURE CONCENTRATE is shipped in short-filled containers and requires dilution by filling the containers full with water. BRO-CURE CONCENTRATE should be well mixed before use and before each withdrawal from original container. Use Nox-Crete's specially designed drum agitator for mixing 55-gallon drums.

Cures / Cure & Seal Compounds

nox-crete®

chemical solutions to concrete problems



- ◆ Apply with a hand pump sprayer such as Nox-Crete's PERFECT SPRAYER or with common power spray equipment. The equipment must be clean and free of any solvent or oil-based materials. Wash equipment with clean water immediately after using.
- ◆ Apply immediately after final troweling. For best results, apply at rate of 350 - 450 sf / gal (8.6-11.0 sm / L) in one uniform coat. Use Nox-Crete's MONOFILM immediately after screeding or after the first floating operation on hot and windy days to restrict early moisture loss and resulting surface cracks.

TECHNICAL DATA

Viscosity	Water Thin
Freeze Point	32° F (0° C)
Flash Point	Not Combustible
VOC	0 g / L
VOC Classification	Concrete Curing Compounds
DIN EN 1504-2, Bond Pull-Off Strength (>1,5 N/mm²)	3.4 N / mm ²

Third-party verified Environmental Impact Declaration is available upon request.

PACKAGING

Product is packaged in 5 gal (19 L) pails, 20 liter pails, 55 gal (208 L) drums and 200 liter drums.

SHELF LIFE

Shelf life is 2 years. Use before the "USE BY" date stated on product packaging.

HANDLING/STORAGE

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, Nox-Crete, Inc. maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.



chemical solutions to concrete problems

www.nox-crete.com

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