

CHEMBETON

Standard performance, general purpose, chemically and physically active concrete form release agent.

HOW IT WORKS

CHEMBETON contains ingredients that physically repel both water and concrete and also contains chemically active compounds that react with excessive limes present in fresh concrete to manufacture a releasing compound directly on the form surface.

APPLICATIONS

- ◆ Use on plywood faced handset forms, B-B plywood and steel forms.

ADVANTAGES

- ◆ Provides a crisp, positive release.
- ◆ Reduces form cleaning and maintenance costs -- forms become self-cleaning with continued use.
- ◆ Dries rapidly and resists removal by foot traffic and rain.
- ◆ Can be used on forms that have been previously treated with form oil.
- ◆ Surpasses performance requirement of US Corps of Engineers, GSA and Bureau of Reclamation specifications for nonstaining form oil.
- ◆ VOC compliant in all U.S. states.
- ◆ Ready to use.
- ◆ Can be stored and applied at below freezing temperatures.
- ◆ Can be applied up to three weeks in advance of concrete pour.
- ◆ Treated forms can be stacked promptly.
- ◆ Protects metal and wood forms from weather damage prior to pour.
- ◆ Will not stain concrete surfaces and concrete can be painted with adequate surface preparation.
- ◆ Use to coat concrete mixing and placing equipment to prevent concrete buildup.

▲ PRECAUTIONS ▲

- ◆ Not generally recommended for use in architectural concrete applications.

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 application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- ◆ Application rates necessary to optimize performance vary with the form surface condition, porosity, concrete buildup (if any), concrete composition, concrete curing time, and temperatures.
- ◆ Typical application rate on plywood is 600-800 sf/gal. (15-20 sm/l). Typical application rate on steel or plastic is 1500 sf/gal. (37 sm/l).
- ◆ Ready to use. Requires no dilution.
- ◆ Can be applied by all conventional methods, but spray application with NOX-CRETE'S PERFECT FORM AND CONCRETE SPRAYER or PERFECT POWER SPRAYER is recommended (use tip 8003 LP).
- ◆ Apply to clean, reasonably dry forms using care to prevent contact with reinforcing steel.
- ◆ Avoid puddles, runs and excessive spray drift.
- ◆ Treat form brackets, tie rods, concrete buckets, shoring and scaffolding daily or as required to soften existing concrete buildup and prevent future accumulations.
- ◆ Clean application equipment with mineral spirits immediately following use.

TECHNICAL DATA

Color, ASTM D2300	1.0
Clarity	Clear
Bulk Density	7.1 lbs./gal. (850 g/l)

CHEMBETON

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form release agents



chemical solutions to concrete problems

Viscosity, ASTM D8850 SUS at 100° F (38° C)
Flash Point Typical Range 120-150° F (50-66° C)
Pour Point0° F (-18° C)
VOC <250 g/l

PACKAGING

Packaged in 5 gal (19 l) pails, 55 gal (208 l) drums and 275 gal (1,041 l) bulk tanks.

SHELF LIFE

Shelf life is one year. 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 Products Group maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

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 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.