

CLEAN RELEASE #3

Economical, standard performance, lower chemically and physically active concrete form release agent for use in precast applications.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE

USEPA
CARB-SCM
SCAQMD
LADCO, OTC
UT-R307, CO
MCAQD
CT, MD, DE, D.C.
CANADA

CLEAN RELEASE #3 ■ ■ ■ ■ ■ ■ ■ ■

HOW IT WORKS

The ingredients in CLEAN RELEASE #3 combine barrier, as well as chemically active compounds that react with the lime present in fresh concrete, to yield a slippery soap-like film on the precast form surface that prevents concrete sticking and provides a positive release.

APPLICATIONS

- ◆ Less reactive product ideal for lower-strength concrete containing mix designs where steam curing or forced curing is not employed.
- ◆ Suitable for use with mix designs that contain lower concentrations of pozzolans.
- ◆ Designed for ambient cure conditions.

ADVANTAGES

- ◆ Very economical.
- ◆ Provides a crisp positive release.
- ◆ Reduces precast form cleaning and maintenance costs. Forms become self-cleaning with continued use.
- ◆ Resists removal by foot traffic and rain.
- ◆ Useable on forms that have been previously treated with competitive form oils.
- ◆ Surpasses performance requirement of US Corps of Engineers, GSA and Bureau of Reclamation specifications for nonstaining form oil.
- ◆ Ready to use - requires no dilution.
- ◆ Low odor.
- ◆ Can be stored at temperatures below freezing.
- ◆ Good sprayability with traditional hand pump tank sprayers down to 32° F (0° C). At temperatures below 32° F (0° C) higher pressure sprayers may be required.
- ◆ Can be applied up to three weeks before use.
- ◆ Will not stain concrete surfaces and concrete will be paintable with proper surface preparation.
- ◆ Use to coat concrete mixing and placing equipment to prevent concrete splatter and accumulation of buildup.

▲ PRECAUTIONS ▲

- ◆ Not designed for use with mix designs that contain high concentrations of pozzolans (cement replacements).
- ◆ A slight darkening may be observed when this product is stored in polyethylene plastic totes and exposed to ultraviolet radiation from the sun, or other artificial sources.

USE INSTRUCTIONS

- ◆ Request current product literature, labels and 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 range on an absorptive surface is 600-800 sf / gal. (15-20 sm / L). Typical application rate on non-absorptive surface is 1,500 sf / gal. (37 sm / L).
- ◆ Can be applied by all conventional methods, but spray application is highly recommended.
- ◆ Apply to clean, reasonably dry forms using care to prevent contact with reinforcing steel.
- ◆ Avoid puddles, runs and excessive spray drift.
- ◆ Clean application equipment with mineral spirits immediately following use.

CLEAN RELEASE #3

Form Release Agent



chemical solutions to concrete problems

TECHNICAL DATA

Color, ASTM D2300	0.5
Clarity	Clear
Odor	Mild
Flash Point	>200° F (83.3° C)
Bulk Density	7.4 lbs./gal. (.833 kg/L)
VOC	<250 g/L

PACKAGING

Packaged in 5 gal (19 L) pails, 55 gal (208 L) drums and 275 gal (1,041 L) totes.

SHELF LIFE

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

HANDLING/STORAGE

Store in a dry location at a temperature below 100° F (38° C). To minimize darkening, store all polyethylene plastic totes inside and away from direct sunlight and all other sources of ultraviolet radiation.

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.