PRODUCT DATA

TUBE-RELEASE 100

Economical chemically and physically active concrete form release agent designed for fiber concrete column forms.

VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE

	USEPA	OTC I	OTC II	AZ-MCAQMD	CARB - 2000	CARB - 2007	CARB-20/SCAQMD	CANADA
TUBE-RELEASE 100	■	■	■	■	■	■	■	■

HOW IT WORKS

TUBE-RELEASE 100 contains ingredients that physically repel both water and concrete, as well as chemically active compounds that react with lime present in fresh concrete to yield a releasing compound directly on the form surface.

APPLICATIONS

- Designed for use on paper/fiber concrete column forms.

ADVANTAGES

- This product was developed to be factory applied on new paper/fiber tube forms that have not been previously treated with any other form release agent.
- Combination chemical and barrier components provide improved releasing properties for most concrete mix designs, including mixes containing Type 1L or 1P cement and/or pozzolans such as fly ash or blast furnace slag.
- Provides a crisp, positive release.
- 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.
- Cold weather usability. ASTM D97 pour point: -30° F (-34° C).
- Will not stain concrete surfaces and concrete can be painted with proper surface preparation.

⚠ PRECAUTIONS ⚠

- Not generally recommended for use in architectural concrete applications but still capable of producing visually appealing concrete. Use one of Nox-Crete's form release agents designed specifically for architectural applications for best results.
- 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 light sources. This darkening will not alter product performance.

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.
- Typical application rate range on an absorptive fiber concrete column forms surface is 600 - 800 sf / gal. (15 - 20 sm / L).
- Can be applied by all conventional methods.
- Apply to clean, dry forms.
- Avoid over-application to prevent staining and surface voids.
- Clean application equipment with mineral spirits immediately following use.

TECHNICAL DATA

Physical Properties	TUBE-RELEASE 100
Color, ASTM D1500	0.5-1.5
Clarity	Clear
Odor	Mild
Flash Point	>200° F (83.3° C)
Bulk Density	7.1 lbs. / gal. (0.85 kg / L)
VOC	<100 g / L
VOC Classification	Form Release Agents

PACKAGING

Product is packaged in 55 gal (208 L) drums, 200 liter drums, 275 gal (1,040 L) totes and 1,000 liter totes.

SHELF LIFE

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

Form Release Agent

nox-crete®

chemical solutions to concrete problems

HANDLING/STORAGE

Store in a dry location and ideally in 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.

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