

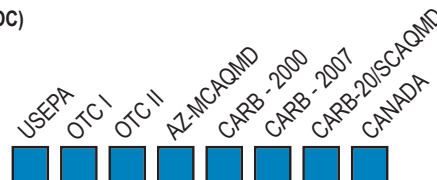
PRODUCT DATA

RELEASE AGENT #10 E

Maximum performance chemically active water-based concrete form release agent specifically formulated for use on dense, non-absorptive forms.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE

RELEASE AGENT #10 E



HOW IT WORKS

RELEASE AGENT #10 E reacts chemically with the alkalies in concrete to form a soapy film that allows trapped air and excess water to escape during vibration, minimizing surface voids and providing a smooth, uniform concrete finish. When used on steel, RELEASE AGENT #10 E reacts with iron present on the form surface to create a film that minimizes rust formation between pours.

APPLICATIONS

- ◆ Ideally suited for use on dense, non-absorptive form surfaces such as steel, aluminum, plastic, and fiberglass as well as HDO, PSF, and high-density melamine plywood forms.
- ◆ Can also be used on MDO plywood form surfaces.
- ◆ Works in precast and commercial forming operations where forms see daily use or are subject to aggressive stripping schedules.
- ◆ Use when architectural concrete surface appearance is a primary objective.
- ◆ Use on many rubber and closed cell foam forms and form liners (Urethane, STS & ABS) that cannot tolerate conventional solvent or petroleum-based release agents.

ADVANTAGES

- ◆ Low-viscosity, chemically active formulation allows for applications at very light coverage rates, reducing costs.
- ◆ Less sensitive to application rate variations than other chemically active release agents.
- ◆ Essentially odorless.
- ◆ Fast drying and non-slip when used on horizontal form surfaces.
- ◆ Once product is dry, it has excellent resistance to dew and rain showers and will not re-emulsify.
- ◆ Provides a crisp, positive release.
- ◆ Ideal for producing architectural concrete — no staining and minimal surface voids or bugholes.
- ◆ Inherently biodegradable.
- ◆ Produces uniformly colored architectural surfaces.
- ◆ Minimizes form cleaning and maintenance costs. Forms become self-cleaning with continued use.

- ◆ Does not impair the natural bonding characteristics of subsequently applied paint or other concrete surface coatings.
- ◆ Green Engineered® — better for health and the environment.

⚠ PRECAUTIONS ⚠

- ◆ Not for use on foam forms. For that application use Nox-Crete FOAM RELEASE.
- ◆ 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.

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 concrete mix design 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 production 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.
- ◆ Form surfaces should be reasonably dry and clean prior to application.
- ◆ For architectural or exposed concrete surfaces, remove all concrete build-up, rust, and existing form oil residue before application.
- ◆ Spray application is recommended using Nox-Crete's PERFECT SPRAYER equipped with the appropriate nozzle size to ensure uniform and consistent product coverage. Refer to Nox-Crete's Sprayer Tip Selection Chart for guidance on spray tip recommendations. Chart can be found in the resource downloads section of the spray tip page at www.nox-crete.com/products/spray-tips
- ◆ Typical application rates on steel, aluminum, plastic, and high-density overlaid plywood forms range from 2,000 to 3,000 sf / gal. (50 - 75 sm / L).
- ◆ Typical application rates on MDO plywood surfaces range from 800 to 1,200 sf / gal. (20 - 30 sm / L).

Form Release Agent

nox-crete®

chemical solutions to concrete problems



- ◆ Mix well before each use. For drums, use Nox-Crete's DRUM AGITATOR or other suitable mixing apparatus before use. For pails, gentle shaking back and forth is all that is required.
- ◆ Do not over-apply. Excess material, runs, and puddles can adversely affect performance and should be picked up promptly with rags.
- ◆ Prevent material overspray from contacting reinforcing steel and/or prestressed cables.
- ◆ Overspray and application equipment can be cleaned with soap and water or mineral spirits when dry.

TECHNICAL DATA

Bulk Density lbs/gal	7.95 lbs / gal (.0954 kg / L)
Flash Point - ASTM D-93	> 200° F (93° C)
Color	.05 - 1.0
VOC	100 g / L
VOC Classification	Form Release Agents

PACKAGING

Product is packaged in 5 gal (19 L) pails, 20 liter pails, 55 gal (208 L) drums, 200 liter drums, 275 gal (1,040 L) totes and 1,000 liter totes.

SHELF LIFE

Shelf life is 1 year. Use before the "USE BY" date stated on product packaging.

HANDLING/STORAGE

Store in a dry location within a temperature range of 40° F (4° C) to 100° F (38° C). Do not allow product to freeze. If product is allowed to freeze it will no longer be useable.

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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