



## K CONCENTRATE PLUS

Concentrated, chemically active solution for fast removal of rust and hardened concrete buildup on steel forms.

**READY TO USE FORMULATION: KEM-EX-IT PLUS**

### HOW IT WORKS

K Concentrate Plus chemically breaks down and dissolves rust and concrete buildup on steel forms. Softened concrete buildup and rust are easily removed with a pressure washer and steel surfaces are left with a protective barrier (similar to bluing) that temporarily protects against flash rusting.

### APPLICATIONS

- ◆ Use on steel forms to remove rust and to protect cleaned surfaces from flash rusting.
- ◆ Use on steel and aluminum forms to quickly remove hardened concrete buildup.
- ◆ Also removes hardened concrete buildup on scaffolding, screw jacks, post shores, screeds, pumps and mixers.
- ◆ Use to remove mortar splashings and lime water deposits on concrete and masonry.
- ◆ Use to remove rust stains on concrete

### ADVANTAGES

- ◆ Fast acting, chemical effervescent action quickly dissolves salt and lime deposits and hardened concrete buildup in minutes.
- ◆ Removes rust scale from steel and forms a protective barrier which retards the formation of flash rust.
- ◆ Produces a rich, thick foam (when applied with Nox-Crete's Pump Foamer or with a foaming spray tip) that clings well to vertical and overhead surfaces for increased effectiveness.
- ◆ Residue is easily washed away with water.
- ◆ Removes rust stains and salt deposits from concrete and masonry surfaces.
- ◆ Prevents costly damage to forms and equipment resulting from the use of sandblasters or chipping hammers.
- ◆ Contains a powerful detergent to help cut through form oil residue on steel and aluminum form surfaces.
- ◆ Safe to use on paint, rubber, plastic or glass.
- ◆ Ready-to-use, no mixing or diluting required.
- ◆ When neutralized, K Concentrate Plus is considered by OSHA and the EPA to be non-corrosive and non-hazardous, making it safer for both workers and the environment.
- ◆ Has no odor.

- ◆ Meets all federal and state VOC requirements.

### ▲ PRECAUTIONS ▲

- ◆ Protect eyes, skin and clothing from spray mist and contact by wearing goggles, gloves and a rain suit.
- ◆ Best results are obtained when substrate and surface temperatures are above 50° F (10° C). Users can expect decreased product performance when applied during cooler weather conditions.
- ◆ For industrial use only.
- ◆ Do not use on marble, granite, galvanized steel or decorative aluminum.
- ◆ Not for use on wood to be used in concrete forming applications.
- ◆ Removes seasoning from aluminum forms. Aluminum Forms will require re-seasoning before use.
- ◆ 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 material safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction have a major impact 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.
- ◆ K Concentrate Plus is concentrated and should be diluted 1 part K Concentrate and 2 parts water. The product can be diluted further, if desired.
- ◆ Brush or spray-apply to concrete build up, splatter or rust covered forms at the application rate of approximately 100-150 sf/gal (2.5-3.75 mL).
- ◆ Best results are achieved when the Nox-Crete Pump Foamer is used to spray apply K Concentrate Plus. The

**K CONCENTRATE PLUS Form & Equipment Cleaner**



chemical solutions to **concrete** problems

Nox-Crete Pump Foamer produces a thick rich foam that clings to vertical and overhead surfaces.

- ◆ When removing rust stains from concrete or masonry, pre-wet the surface with water and apply K Concentrate Plus with a scrub brush to minimize concrete etching.
- ◆ For best performance, apply K Concentrate Plus when surface and ambient temperatures are above 50° F (10° C). Apply at low sun angles (early morning or late afternoon) to prevent rapid drying.
- ◆ Scrub treated surfaces with a stiff-bristle scrub brush to remove softened layers of concrete buildup and rust scale, allowing K Concentrate Plus to further penetrate.
- ◆ If necessary, reapply K Concentrate Plus after 15-20 minutes, scrubbing in between applications, until concrete buildup has become soft and rust layer on steel forms has dissolved. Heavy concrete buildup may require several applications or extended dwell times.
- ◆ Remove softened concrete buildup and rust residue with a garden type spray nozzle or use a pressure washer for removal of heavier buildup.
- ◆ If flash rusting occurs, it is likely due to excessive chlorine found in rinse water. To prevent flash rusting, rinse the cleaned surface with deionized or distilled water.
- ◆ For extended rust protection, allow steel forms to dry and immediately apply two coats of Nox-Crete Formgard TJ to protect steel forms from rusting for up to six months.

## TECHNICAL DATA

<b>Color</b>	Colorless
<b>Odor</b>	Mild
<b>Flash Point</b>	130° F (55° C)
<b>VOC</b>	<50 g/L

## PACKAGING

Packaged in 5 gal (19 L) pails.

## 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, 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.

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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.