

## SEASONOX



Water based, biodegradable seasoning compound for cold rolled aluminum surfaces.

### HOW IT WORKS

Seasonox combines a powerful detergent to help penetrate through residual processing oils left on the surface of the forms by the form manufacturer with a highly alkaline solution that oxidizes the elemental aluminum on the surface of the forms to reduce the chemical bonding (sticking) that can take place between aluminum and fresh concrete.

### APPLICATIONS

- ◆ Use to condition (season) new aluminum forms, forms that have been cleaned with acid or abrasive cleaners and forms that have been abrasive blasted or high pressure power washed.

### ADVANTAGES

- ◆ Superior alternative to the traditional and marginally effective liming process.
- ◆ High viscosity ensures uniform conditioning when used in vertical or horizontal applications on both smooth or extruded surfaces.
- ◆ When used in conjunction with Nox-Crete's Alumi-Nox R release agents, aluminum forms strip clean and are free of concrete buildup.
- ◆ 100% biodegradable.
- ◆ Odorless.
- ◆ Fast acting.
- ◆ Meets all federal and state VOC requirements.

### ▲ PRECAUTIONS ▲

- ◆ Do not use in temperatures below 50° F (10° C).
- ◆ Do not use on aluminum forms that are not clean and free of concrete buildup, coatings, form oils or other foreign materials that could interfere with the normal reaction process.
- ◆ While Seasonox is reacting on the aluminum forms, highly flammable hydrogen gas is generated. Therefore, do not use Seasonox indoors unless the application area is well ventilated and free of any open flame or spark-generating devices.
- ◆ Protect from freezing. Allowing product to freeze can cause the container to rupture as well as separation of the active components, resulting in poor product performance. Product which is suspected of freezing should not be used.

- ◆ 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.
- ◆ Ready to use.
- ◆ Mix prior to each withdrawal from container.
- ◆ Prior to application, verify that air temperature and aluminum surface is no less than 50° F (10° C). Best results are achieved if air and form temperatures are above 70° F (21° C).
- ◆ Before applying, verify that all surfaces are free of concrete buildup, coatings, form oil or other foreign materials that could interfere with the normal reaction process of Seasonox. Power wash all new forms with warm water and a commercial grade detergent to remove excess mill oil/grease.
- ◆ Typical application rate is 200 to 250 sf/gal. (5 to 6.25 sm/L).
- ◆ Apply product on side rails while the forms are still in stacks.
- ◆ Roll Seasonox onto the surface in a uniform manner using the appropriate nap roller: 1/2 inch (1.3 centimeter) nap roller for smooth surfaces. An 18 inch roller works best.
- ◆ Avoid puddling.
- ◆ Uniform bubbling on the form surface should begin in a few minutes. Do not remove Seasonox until bubbling stops, which is an indicator that the reaction is complete. (If bubbling has not begun after 5 minutes, then either the temperature is too low or a contaminant of some kind is on the surface that is preventing the Seasonox from properly reacting.) In cooler weather (50° to 68° F or 10° to 20° C), reaction is



normally complete in 45-60 minutes. At room temperature (68° F or 20° C), the reaction will typically take 30-45 minutes. In warm or hot weather (in excess of 68° F or 20° C), reaction time is approximately 30 minutes.

- ◆ Do not allow the product to dry on the form surface. Regardless of temperatures at application, Seasonox will tend to dry out before the reaction time is up. It will be necessary to lightly mist the treated forms with water to keep the film in a wet condition until reaction has completed.
- ◆ When reaction is complete (bubbling has stopped), lightly rinse the treated area with clean water to remove the residue. Do not use a high pressure hose for rinsing as the seasoning compounds may be damaged or removed.
- ◆ After rinsing, allow the forms to air dry completely. Dry, treated surfaces should have a uniformly dull, gray appearance. Any shiny areas that remain will require a second treatment. Before proceeding with the second treatment, verify that these shiny areas are not contaminated with a foreign substance that is preventing a proper reaction.
- ◆ Upon final completion of the conditioning process and prior to concrete placement against the form surface, apply a light coat of Nox-Crete Form Clean at 1,000 sf/gal. Allow this application to dry. Continue to use Form Clean as your release agent for the first five pours to complete the seasoning process.
- ◆ Do not use any Class C fly ash in the first five pours and keep the slump as low as possible.
- ◆ After the first five pours, use Alumi-Nox R as the form release agent before each pour.

## TECHNICAL DATA

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Density	9.2 lbs/gal (1100 g/L)
Color	Opaque
Odor	None
Flash Point	None
Viscosity	100 cps
Water Soluble	Yes
VOC Content	None

## PACKAGING

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Product is packaged in 5 gal. (19 L) pails.

## SHELF LIFE

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

## HANDLING/STORAGE

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Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

## AVAILABILITY & TECHNICAL SERVICES

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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

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### 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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