

CURE & SEAL 1315 B

High solids, solvent based, acrylic copolymer concrete curing, sealing and dustproofing compound.

HOW IT WORKS

Applied to freshly placed and finished concrete surfaces, CURE & SEAL 1315 B creates a vapor seal that retains moisture for proper curing. It also provides early rainfall protection and resistance to abrasion and staining.

APPLICATIONS

- ◆ Use as a cure on freshly placed concrete.
- ◆ Use as a sealer/dustproofing on previously cured rough or smooth finished concrete surfaces.

ADVANTAGES

- ◆ Specifically designed to meet the moisture retention properties of ASTM C-1315 Type 1, Class B; ASTM C-309; AASHTO M-148; Navdock 13 YF; and CRD C-300.
- ◆ Remains sprayable in freezing temperatures.
- ◆ Ensures sufficient retention of mix water for at least 72 hours, allowing concrete to develop maximum strength, density and surface hardness.
- ◆ Prevents surface crazing and cracking.
- ◆ Dries to a dust and tackproof state in 30 minutes quickly providing protection from rainfall, scuffing and foot traffic.
- ◆ Reduces final clean-up costs by protecting concrete from oil, grease and chemical spills and from mortar splashing adhesion.
- ◆ Second applications, after final clean-up, beautify concrete appearance with a lustrous sheen and reduce after-occupancy maintenance costs.
- ◆ Protects subsequent applications of carpeting or tile from efflorescence, attack by alkaline salts and dusting.
- ◆ CURE & SEAL 1315 B is compatible with most adhesives used for resilient tile floor coverings and concrete paints.
- ◆ Can be applied as an anti-spalling compound providing resistance to destructive chemical deicing salts.
- ◆ Treated surfaces are readily recoatable when necessary without sanding or scarification.
- ◆ Meets all federal VOC requirements.

PRECAUTIONS

- ◆ Do not use on concrete slabs with inadequately drained subgrade, treated surfaces to be covered with concrete or plaster, and/or surfaces subject to hydrostatic water pressures.
- ◆ Coating delamination (blistering) may occur if applied prior to allowing all surface bleed water to fully evaporate. A moisture saturated subgrade or a moisture barrier placed beneath the slab to be cured and/or sealed may increase the risk of coating delamination.
- ◆ Do not use with other floor sealers, treatments, bondbreakers or adhesives without prior site test to determine compatibility and adhesion.
- ◆ Any variations in concrete surface density may be highlighted by surface mottling after product application. Make test application to determine performance and appearance acceptability.
- ◆ Do not use around sparks or open flame. Provide adequate ventilation.
- ◆ Treated surfaces may be slippery prior to drying and when wet with water or liquids after drying.
- ◆ Upon exposure to sunlight in either interior or exterior applications, CURE & SEAL 1315 B may yellow slightly. If a non-yellowing product is desired, use CURE & SEAL 1315 A.

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 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.

CURE & SEAL 1315 B



cures, sealers & hardeners



chemical solutions to concrete problems

- ◆ Low pressure spray application provides the best results, however, product can be applied with brushes or rollers. Spray apparatus should be equipped with chemically resistant hoses and gaskets. NOX-CRETE'S PERFECT FORM & CONCRETE SPRAYER is recommended for smaller areas. Larger areas are most economically treated with power sprayers.
- ◆ Do not thin or dilute.
- ◆ Application rates vary with substrate conditions. Approximate rate for curing is 250 sf/gal. (6.1 sm/l) per application. Approximate rate for sealing is 300 sf/gal. (7.4 sm/l) per application.
- ◆ Application equipment should be cleaned with aromatic solvents such as xylene or aromatic 100. (Read vendor's MSDS before use.)

For Freshly Placed Concrete

- ◆ Apply immediately following final finishing and after disappearance of surface water sheen.
- ◆ Apply to the point of saturation and appearance of continuous surface film.
- ◆ Concrete should be damp but not wet. Avoid over application, puddles or runs.
- ◆ For maximum sealing and dustproofing benefits, apply a second coat of CURE & SEAL 1315 B after final clean-up and when the concrete is dry.

Previously Cured Concrete

- ◆ Remove all dirt, oil, grease, paint or foreign cure residue with NOX-CRETE'S BIO-CLEAN OR BIO-STRIP and clean with a 10% caustic solution, exercising normal precautions for handling such materials.
- ◆ Rinse thoroughly with clean water and squeegee off excess water.
- ◆ Allow surface to dry 24-48 hours prior to first application.
- ◆ Use moisture meter or adequate material test to verify satisfactory adhesion and appearance.
- ◆ Apply a second application in 24 hours.

Maintenance

- ◆ Wipe up all chemical, solvent or petroleum spills as soon as possible.
- ◆ Remove dirt and debris by sweeping.
- ◆ Wash and buff periodically to help maintain surface luster.
- ◆ Clean damaged coating areas promptly and recoat.

TECHNICAL DATA

Color, ASTM D-2300	Water White
Clarity	Clear
Odor	Solvent
VOC	<700 g/l
VP	<3.0 mmHg @ 250° C
Bulk Density	7.35 lbs./gal. (859 g/l)
Freeze Point	Below -20° F (-29° C)
Dry (Dust/Tack Free)	2 hours
Dry (Light Traffic)	12 hours
Dry (Normal Traffic)	24 hours

PACKAGING

Product is packaged in 5 gal. (19.0 l) / 40.2 lbs. (18.3 kg) steel pails and 55 gal. (208 l) / 432 lbs. (196.4 kg) steel drums.

SHELF LIFE

One year from date of manufacture. Use product before date indicated on container.

HANDLING/STORAGE

Store away from excessive heat and open flame and prevent any moisture from contacting container top.

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, phone (800) 669-2738 or (402) 341-1976.

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.