

NATRASEAL

Best, breathable, solvent-based, low-gloss, transparent, acrylic polymer, decorative concrete cure and sealer.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE

USEPA
CARB-SCM
SCAQMD
LADCO, OTC
UT-R307, CO
MCAQMD
CT, MD, DE, D.C., N.Y., MI
CANADA

Natraseal ■ ■ ■ ■ ■ ■ ■ ■

HOW IT WORKS

NATRASEAL uses high quality acrylic resins to form a tough but breathable, non-yellowing film for exterior applications. The beauty of all treated surfaces is enhanced by producing a "wet-look" appearance with a low-gloss sheen. The formulation penetrates deep and allows for ample working time when rolling or brushing to achieve a uniformly applied finish.

APPLICATIONS

- ◆ Use to seal, waterproof and protect all types of horizontal and vertical surfaces.
- ◆ Ideal for beautifying and protecting stamped concrete, acid stained concrete, integrally colored concrete, exposed aggregate and cementitious overlays.
- ◆ Use as an anti-graffiti coating to protect concrete surfaces from most aerosol spray paints.

ADVANTAGES

- ◆ Complies with ASTM C 309, Type 1, Class A & B and, AASHTO M 148, Type 1, Class B. Compliant with USDA requirements for incidental food contact.
- ◆ Application-friendly formulation allows more working time to roll or spread uniformly across the surface.
- ◆ Penetrates deep into the concrete surface for enhanced breathability and less 'capping off' of the pores.
- ◆ Contains special UV inhibitors designed to maximize resistance to ultra-violet degradation from the sun.
- ◆ Dries rapidly and has excellent recoatability characteristics.
- ◆ Protects sealed surfaces from the damaging effects of water, deicing salts and acid rain.
- ◆ Minimizes spalling due to moisture absorption and freeze/thaw related damage.
- ◆ Prevents unsightly absorption of dirt, oil and grease.
- ◆ Prevents staining and deterioration from airborne dirt, food products, urine and feces.
- ◆ Minimizes efflorescence on decorative concrete surfaces.
- ◆ NATRASEAL films provide good 24-hour spot resistance to many common chemical substances with little, if any, coating effect.
- ◆ Protects subsequent applications of carpeting or vinyl composition tile from efflorescence, attack by alkaline salts and dusting.
- ◆ A non-slip additive is available for improved slip resistance.
- ◆ For a less glossy finish, a flattening agent is available that reduces the normal gloss level by up to 40%.

▲ PRECAUTIONS ▲

- ◆ Due to the low flash point, NATRASEAL is only recommended for exterior applications and is NOT recommended for interior or enclosed applications.
- ◆ Acid stained floors must be neutralized before applying NATRASEAL. Wash the floor with a sodium hydroxide solution and thoroughly rinse with water and allow to dry. Use litmus paper to verify that the floor has a pH greater than 7 before applying NATRASEAL.
- ◆ Do not apply where moisture could contact the underneath side of NATRASEAL.
- ◆ Do not use on concrete slabs with inadequately drained subgrade or treated surfaces to be covered with concrete or plaster.
- ◆ Coating delamination (blistering) may occur if sealer is applied to concrete placed over a moisture saturated subgrade or a moisture barrier placed beneath the slab.
- ◆ 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 become slippery when wet with water or other liquids.
- ◆ May damage vegetation or painted surfaces with contact.
- ◆ Exterior sealed surfaces will slowly oxidize in time, eventually necessitating reapplication.
- ◆ Not recommended for application to frozen concrete surfaces or when ambient temperatures are below 40° F (4° C) and/or are expected to drop below 40° F (4° C) within 12 hours following application.
- ◆ Avoid over application. Apply one to two light coats. Over application may interfere with moisture vapor transmission properties which can lead to sealer blistering and delamination.
- ◆ Best results are obtained when NATRASEAL is applied during the morning or evening hours and not in direct sunlight. Application of NATRASEAL in direct sunlight or under extremely hot and/or windy conditions can result in bubbling or blistering.

NATRASEAL

Decorative Acrylic Sealer

nox-crete®

chemical solutions to concrete problems

- ◆ Due to the more restrictive air quality regulations written by certain VOC management districts regulating the use of architectural coatings, this product may be prohibited from use as a concrete sealer, but still permissible for the use as a concrete curing compound.

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.
- ◆ Remove existing sealers with Nox-Crete's DECO-STRIP or DECO-PEEL and allow to dry a minimum of 48 hours prior to application of NATRASEAL.
- ◆ Verify concrete to be sealed is sufficiently dry.
- ◆ Product can be applied with an airless sprayer, handpump tank sprayer, roller applicator or brush. Use a .017 or .019 spray tip for airless spray application. Use an 8006 LP spray nozzle for application with a handpump, low pressure sprayer. For roller application, use a roller applicator equipped with a 3/8 (10mm) nap cover.
- ◆ Do not thin or dilute.
- ◆ Application rates vary with substrate conditions. Approximate rate for sealing is 300 sf / gal. (7.4 sm / L) per application.
- ◆ Apply to the point of saturation and appearance of continuous surface film.
- ◆ Apply all subsequent coat(s) at right angles to the previously applied coat once the previous coat is dry.
- ◆ Application equipment should be cleaned with Nox-Crete's SOLVENT B or other suitable solvent. (Read SDS for cleaning solvent before use.)

MAINTENANCE

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

TECHNICAL DATA

Color	Water White
Clarity	Clear
Odor	Solvent
VOC	<350 g/L (162)
Bulk Density	9.338 lbs. / gal. (1,126 g / L)
Flash Point (PMCC)	>64° F (>18° C)
Dry (Dust/Tack Free)	2 hrs
Dry (Light Traffic)	12 hrs
Dry (Normal Traffic)	24 hrs

Complies with ASTM C 309, Type 1, Class A & B; and AASHTO M-148, Type 1, Class B. Compliant with USDA requirements for incidental food contact.

PACKAGING

Packaged in 1 gal (3.8 L) jugs, 5 gal (19 L) pails and 55 gal (208 L) drums.

SHELF LIFE

Shelf life is two years. 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, 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.