

VERSACRYL



Deep penetrating, pigmented, water based stain for protecting and beautifying exterior and interior concrete surfaces.

HOW IT WORKS

The low molecular weight methyl methacrylate resin in Versacryl concrete stain penetrates deep into concrete micro-pores. A tough, yet flexible, barrier is formed that seals concrete, minimizing liquid water entry without significantly affecting water vapor permeability. Versacryl combines this special resin with a water repellent silane and inorganic pigments to ensure long-lasting performance with excellent resistance to alkalinity attack from high pH concrete and ultra-violet induced degradation from the sun. Versacryl chemically attaches itself to concrete, forming a bond many times stronger than the physical bond formed by most other conventional stains, paints and coatings.

APPLICATIONS

- ◆ Use to improve the aesthetic appearance of all interior, exterior, vertical and horizontal concrete.
- ◆ Use to beautify and protect balconies, patios, driveways, garage floors, entryways, pool decks, plaza decks and walkways.
- ◆ Seals, protects and improves the appearance of sporting arena concourses, walkways and ramps and exterior shopping malls and food courts.
- ◆ Use to color vertical concrete and masonry retaining walls, basement walls and foundation walls.

ADVANTAGES

- ◆ Penetrates deep and chemically bonds with concrete.
- ◆ Will not fade, chalk or peel.
- ◆ Protects concrete from stain discoloration resulting from food spillage, automotive oil and grease drippings.
- ◆ Low odor allows for use in occupied areas.
- ◆ Does not significantly alter concrete moisture vapor transmission rate.
- ◆ Can be made non-slip by incorporating Nox-Crete's non-slip additive.
- ◆ Cost effective alternative to integrally colored concrete.
- ◆ Fast drying - minimizes time spent waiting between coats.
- ◆ Performs well on both smooth troweled and rough finished concrete surfaces.
- ◆ Can be used on both vertical and horizontal concrete.
- ◆ Available in both standard and custom colors.

- ◆ Green Engineered™ – better for health and the environment.
- ◆ Meets all federal and state VOC requirements.

▲ PRECAUTIONS ▲

- ◆ Application to smooth steel troweled surfaces requires acid etching to allow for greater penetration and substrate adhesion.
- ◆ Do not apply to substrates subject to periods of immersion in water.
- ◆ Do not apply where Versacryl may be exposed to industrial solvents which could affect product appearance.
- ◆ Do not apply where treated substrate may be exposed to accidental gasoline spills.
- ◆ Excessive or multiple applications of Versacryl may develop sufficient film accumulations to restrict the rate of moisture vapor transmission, resulting in possible failure of Versacryl.
- ◆ Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. 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 (verify) product literature, labels and material safety data sheets from manufacturer in writing and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions, and construction can have a major affect 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 product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.

VERSACRYL

Exterior Stain & Sealer



chemical solutions to concrete problems

SURFACE PREPARATION

- ◆ Concrete surfaces to be stained should be a minimum of 28 days old and clean of all dust, dirt, oil grease, curing compounds, bondbreakers, sealers, paints and other compounds which could interfere with product penetration or adhesion.
- ◆ Smooth steel trowelled or formed concrete surfaces require acid etching prior to stain application to allow for adequate penetration and adhesion. Acid etched surfaces must be neutralized and thoroughly rinsed to remove all acid residue prior to application of Versacryl.
- ◆ Allow cleaned surfaces to dry a minimum of 48 hours prior to product application.

APPLICATION

- ◆ Substrate temperatures should be between 50° F and 90° F (5° C and 32° C).
- ◆ Best results are obtained if product is applied at low sun angles, such as early morning or late afternoon. Application in direct sunlight can result in surface appearance defects and reduced penetration and adhesion.
- ◆ Add the desired pigment pack to the Versacryl opaque colored base component and thoroughly mix with a mechanical mixer.
- ◆ Apply mixed product in two coats using an airless sprayer, roller or brush. Application with an airless sprayer requires immediate backrolling to force product into concrete pores and to ensure a uniform application. Best results are obtained using an 18-inch (46 cm) roller applicator equipped with a 3/8- inch (1 cm) nap roller cover. An extension handle on the roller frame allows for greater reach on large projects.
- ◆ Avoid heavy surface film accumulations of stain. Runs or puddles should be immediately spread out.
- ◆ Allow the first coat to dry a minimum of two hours before applying a second coat. Additional dry time may be required during cool or humid conditions.
- ◆ The application rate of Versacryl concrete stain varies depending on concrete porosity, surface texture, temperature and wind conditions. The typical application rate on smooth concrete is 150-200 sf/gal (3.7-4.9 sm/L) per coat; on rough finished concrete, the typical application rate is 100-150 sf/gal (2.5-3.7 sm/L). Exceptionally rough or porous concrete surfaces may require a third coat to ensure uniform appearance.
- ◆ For applications requiring non-slip, use Nox-Crete's non-slip additive. Broadcast the additive into final coat and back roll until uniformly distributed.
- ◆ Avoid foot traffic on stained surfaces for 24 hours and heavy traffic for 72 hours. Cooler temperatures and/or high humidity conditions may lengthen the dry time.
- ◆ Application equipment can be cleaned with soap and water. Dried product can be removed with an aromatic solvent such as Aromatic 100.

MAINTENANCE

- ◆ Regularly clean Versacryl stained surfaces with a mild detergent solution and low pressure water. Do not use hot water over 120° F (49° C) or high pressure power washers.

TECHNICAL DATA

Color	Milky White
Clarity	Opaque
Odor	Mild
Density	1.03
VOC	<200 g/L
Flash Point	>200° PMCC
Viscosity	180 centipoise
Dry (Dust-Tack Free)	30 min.
Dry (Hard)	24 hours

PACKAGING

Product is packaged in 1 gal (3.8 L) and 4.75 gal (17.9 L) kits.

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.

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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.

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