

nox-crete®

chemical solutions to concrete problems

DECORATIVE



DECORATE YOUR CONCRETE

Nox-Crete has been a leading manufacturer of innovative products for architectural and decorative concrete for more than 60 years. Starting with the development of exposed aggregate concrete surface retarders and long-lasting decorative coatings, sealers and stains to fast-acting biodegradable strippers and coating removers, Nox-Crete is your source for high performance, decorative concrete products.



PRODUCTS PAGE

DECORATIVE SEALERS..... 3

- **Natraseal** - Mid-range solids, decorative, acrylic sealer 3
- **Sparkl-Seal** - High solids, decorative, acrylic sealer 3
- **Cure & Seal 1315 A** - High solids, decorative acrylic sealer 3
- **Cure & Seal 309** - High solids, decorative acrylic sealer 3

WATER REPELLENTS AND SEALERS..... 4-5

- **Tri-Shield** - High-gloss acrylic cure, sealer and water repellent 4
- **Weather-Sil** - Water-based penetrating silane sealers & water repellent to protect against harmful de-icing salts 4
- **Stifel GC** - High performance water repellent silane sealer for horizontal and vertical applications 4
- **Stifel SC** - Maximum-performance water repellent silane sealer for horizontal applications 5
- **Stifel VC** - Water repellent silane sealer for vertical applications 5
- **Stifel 40** - Maximum-performance water repellent silane sealer for horizontal and vertical applications 5
- **Stifel 100** - Maximum-performance water repellent silane sealer for horizontal and vertical applications 5

LIQUID STAMP RELEASE 5

- **Stamp Release** - Liquid release for decorative concrete stamps..... 5

STRIPPERS FOR REMOVING ACRYLIC SEALERS..... 6

- **Deco-Peel** - Biodegradable chemical stripper & blanket for removing old acrylic sealers 6
- **Aro-Peel** (Canada only) - Chemical stripper & blanket for removing old acrylic sealers 6
- **Deco-Strip** - Biodegradable chemical stripper for removing old acrylic sealers 6

PIGMENTED WATER REPELLENT STAINS AND COATINGS..... 7

- **Acryl-Pen** - Penetrating acrylic, water repellent, sealer and stain for exterior horizontal concrete 7
- **Nox-Carb** - Penetrating acrylic sealer, water repellent and stain for exterior vertical concrete..... 7
- **Versacryl** - Penetrating acrylic sealer, water repellent and stain for exterior horizontal concrete 7

SURFACE RETARDERS..... 8

- **Crete-Nox TA** - Concrete surface applied set retarder for producing exposed aggregate finishes 8

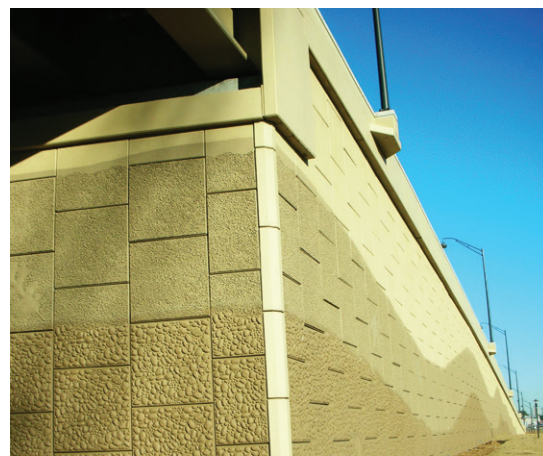
HISTORY..... 8



ACRYL-PEN



SPARKL-SEAL



NOX-CARB

DECORATIVE SEALERS

CURE & SEAL 309

- Solvent Based

Mid-Range Solids, Decorative Acrylic Sealer

Mid-range solids, non-yellowing, transparent, acrylic copolymer-based, decorative concrete cure and seal. CURE & SEAL 309 is an economical acrylic cure and seal that forms a tough, but breathable, high-gloss film that brings out the natural colors of stained and pigmented concrete. Sealed surfaces have a beautiful “wet look” appearance that persists longer than most other sealers. CURE & SEAL 309 meets ASTM C309 and meets federal, most state and all Canadian VOC air quality emission requirements.

CURE & SEAL 1315 A

- Solvent Based

High Solids, Decorative Acrylic Sealer

High-solids, non-yellowing, transparent, acrylic copolymer-based, decorative concrete cure and seal. CURE & SEAL 1315A is an economical acrylic cure and seal that forms a tough, but breathable, high-gloss film that both cures and seals concrete bringing out the natural colors of stained and pigmented concrete. Sealed surfaces have a beautiful “wet look” appearance that persists longer than most other sealers. CURE & SEAL 1315A meets the curing requirements of ASTM C309 and ASTM C1315 and is available in both a federal-VOC compliant version and a low-VOC version designed to meet most state and all Canadian air quality emission requirements.



NATRASEAL

NATRASEAL

- Solvent Based

Mid-Range Solids, Decorative, Acrylic Sealer

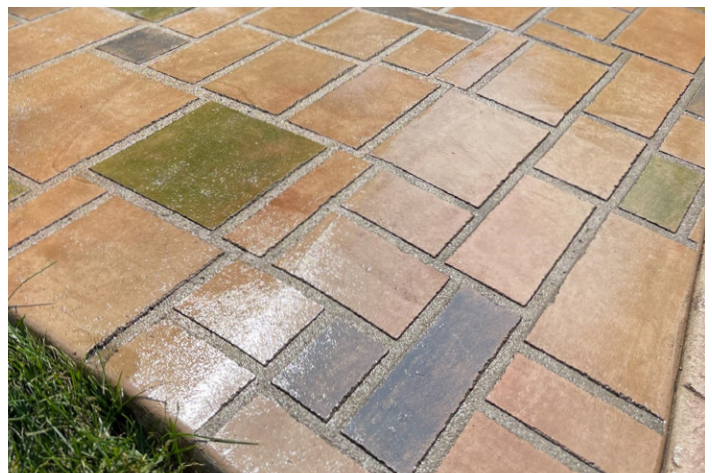
Mid-range solids, non-yellowing, transparent, acrylic-copolymer based, decorative concrete sealer. NATRASEAL enhances surface colors with a glossy sheen while offering maximum protection from ultra-violet attack from the sun. Uses a special solvent blend designed to reduce sealer viscosity, improve working time, increase substrate penetration and improve breathability of the cured sealer. Designed to minimize common product application problems such as bubbling, blistering or whiting resulting from over-application. Meets federal, most state and all Canadian VOC air quality emission requirements.

SPARKL-SEAL

- Solvent Based or Water Based

High Solids, Decorative, Acrylic Sealer

High-solids, non-yellowing, transparent, acrylic copolymer based, decorative concrete sealer. SPARKL-SEAL enhances surface colors with a glossy sheen while offering maximum protection from ultra-violet attack from the sun and abrasion resistance from heavy wear. Protects surfaces from discoloration and staining from food, oil and grease spills. Prevents freeze-thaw related scaling and spalling by restricting water and deicing salt absorption. Applied films have a very high water vapor permeability (perm rating) to minimize blistering and whiting. SPARKL-SEAL is available in a federal-VOC compliant version, a low-VOC version and a water-based version to meet all VOC air quality emission requirements.



SPARKL-SEAL

WATER REPELLENTS AND SEALERS

TRI-SHIELD

- Solvent Based

High-Gloss Acrylic Cure, Sealer and Water Repellent

TRI-SHIELD combines a deep-penetrating silane water repellent and a low-molecular-weight acrylic copolymer to cure, seal and provide water repellency to decorative concrete. Produces a transparent, high-gloss finish that beautifies stained and pigmented concrete by bringing out the natural colors with a “wet look” appearance. Prevents freeze-thaw related scaling and spalling by restricting water and deicing salt absorption. Applied films have a very high water vapor permeability (perm rating) to minimize blistering and whiting. Meets the curing requirements of ASTM C309 and ASTM C1315. Meets federal, most state and all Canadian VOC air quality emission requirements.

WEATHER-SIL

3 Year Warranty

- Water Based

Penetrating Silane Sealers & Water Repellents

WEATHER-SIL & WEATHER-SIL EXTREME are water-based silane sealers that penetrate deep into concrete where they chemically react and bond to form a hydrophobic barrier, preventing the absorption of water and chloride ion-containing deicing salts. Specifically designed to protect concrete driveways, patios, walkways and garage floors from harmful de-icing salts. Surfaces sealed with these products are more resistant to the damaging effects of freeze/thaw and deicing/road salt damage including surface scaling, spalling and delaminations. WEATHER-SIL & WEATHER-SIL EXTREME protect and extend the life of all exterior concrete surfaces.



TRI-SHIELD

STIFEL GC

- Water Based

High Performance Water Repellent Silane Sealer for Horizontal and Vertical Applications

Contains a very low-molecular-weight silane molecule designed to penetrate deep into horizontal and vertical concrete and masonry micropores and capillaries where it chemically reacts with siliceous-containing materials within the substrate to form a hydrophobic barrier that effectively seals treated surfaces from the absorption of wind-driven rain, water and salt. Protects treated surfaces from freeze-thaw related scaling and the damaging effects of deicing salts. Protects embedded reinforcing steel from corrosion and resulting spalling due to the absorption of water and waterborne chloride ions. Contains a very low odor making it ideal for use where solvent-based products cannot be used. STIFEL GC meets all federal, state and all Canadian VOC air quality emission requirements.

STIFEL SC

- Water Based

Maximum-Performance Water Repellent Silane Sealer for Horizontal Applications

Contains a very low-molecular-weight silane molecule designed to penetrate deep into concrete micropores and capillaries where it chemically reacts with siliceous containing materials within the concrete to form a hydrophobic barrier that effectively seals treated concrete surface from the absorption of water and salt. Protects treated concrete from freeze-thaw related scaling and the damaging effects of deicing salts. Protects embedded reinforcing steel from corrosion and resulting spalling due to the absorption of water and waterborne chloride ions. Contains a very low odor making it ideal for use where solvent based products cannot be used. STIFEL SC meets all federal, state and Canadian VOC air quality emission requirements.



STIFEL SC

STIFEL VC

- **Water Based**

Water Repellent Silane Sealer for Vertical Applications

Contains a very low-molecular-weight silane molecule designed to penetrate deep into vertical concrete and masonry micropores and capillaries where it chemically reacts with siliceous-containing materials within the substrate to form a hydrophobic barrier that effectively seals treated surfaces from the absorption of wind-driven rain. Protects treated surfaces from freeze-thaw related scaling and the damaging effects of deicing salts. Protects embedded reinforcing steel from corrosion and resulting spalling due to the absorption of water and waterborne chloride ions. Leaves no discoloration on treated surfaces. Contains a very low odor, making it ideal for use where solvent-based products cannot be used. STIFEL VC meets all federal state and Canadian VOC air quality emission requirements.

STIFEL 40

- **Solvent Based**

Maximum-Performance Water Repellent Silane Sealer for Horizontal and Vertical Applications

Contains a very low-molecular-weight silane molecule in an alcohol-based carrier designed to penetrate deep into horizontal and vertical concrete and masonry micropores and capillaries where it chemically reacts with siliceous containing materials within the substrate to form a hydrophobic barrier that effectively seals treated

surfaces from the absorption of wind-driven rain water and salt. Protects treated surfaces from freeze-thaw related scaling and the damaging effects of deicing salts. Protects embedded reinforcing steel from corrosion and resulting spalling due to the absorption of water and waterborne chloride ions. Leaves no discoloration on treated surfaces. STIFEL 40 is available in both a federal VOC compliant version and a low VOC version to meet federal, most state and all Canadian VOC air quality emission requirements.

STIFEL 100

- **100 Percent Active**

Maximum-Performance Water Repellent Silane Sealer for Horizontal and Vertical Applications

Contains a 100 percent active, transparent, non-staining, breathable, very low-molecular-weight silane molecule designed to penetrate deep into horizontal and vertical concrete and masonry micropores and capillaries where it chemically reacts with siliceous containing materials within the substrate to form a hydrophobic barrier that effectively seals treated surfaces from the absorption of wind-driven rain, water and salt. Protects treated surfaces from freeze-thaw related scaling and the damaging effects of deicing salts. Protects embedded reinforcing steel from corrosion and resulting spalling due to the absorption of water and water-borne chloride ions. Leaves no discoloration on treated surfaces. STIFEL 100 is available in both a federal VOC compliant version and a low VOC version to meet federal, most state and all Canadian VOC air quality emission requirements.

LIQUID STAMP RELEASE

STAMP RELEASE

- **Solvent Based**

Liquid Release for Decorative Concrete Stamps

STAMP RELEASE is a clear, colorless liquid release designed to prevent concrete texturing mats, skins, rollers and tools from sticking to fresh concrete during the decorative texturing or stamping process. By forming a liquid barrier on top of the concrete, STAMP RELEASE effectively eliminates concrete sticking and buildup, providing crisp edges with well-defined texture on all types of decorative concrete. STAMP RELEASE has a very pleasant “bubble gum” odor and does not leave any residue on concrete surfaces that could interfere with subsequently applied coatings or sealers. STAMP RELEASE meets all federal, state and Canadian VOC air quality emission requirements.



STAMP RELEASE

STRIPPERS FOR REMOVING ACRYLIC SEALERS

DECO-PEEL

• Solvent Based

Biodegradable Chemical Stripper & Blanket for Removing Old Acrylic Sealers

DECO-PEEL contains a specialized blend of fast-drying, synthetic, biodegradable solvents designed to quickly penetrate and dissolve acrylic curing and sealing compounds and old, worn-out, faded or chalky acrylic sealers. Sealers to be removed are drawn up into an engineered cellulose blanket through evaporation of the DECO-PEEL solvents depositing the acrylic resin into the fibers of the cellulose blanket which can be easily peeled away and safely discarded upon drying. Anyone can quickly and inexpensively remove and dispose of old sealers without the need for expensive removal equipment or the costly disposal of hazardous waste using DECO-PEEL. After sufficient drying, a new sealer can be reapplied to restore the original appearance of the decorative concrete. DECO-PEEL is available in versions to meet all federal, state and Canadian VOC air quality emission requirements.

ARO-PEEL (CANADA ONLY)

• Solvent Based

Chemical Stripper & Blanket for Removing Old Acrylic Sealers

ARO-PEEL contains a specialized blend of aromatic and aliphatic solvents designed to quickly penetrate and dissolve acrylic curing and sealing compounds and old, worn-out, faded or chalky acrylic sealers. Sealers to be removed are drawn up into an engineered cellulose blanket through evaporation of the ARO-PEEL solvents, depositing the acrylic resin into the fibers of the cellulose blanket which can be easily peeled away after drying. After sufficient drying, a new sealer can be reapplied to restore the original appearance of the decorative concrete. ARO-PEEL meets the VOC requirements for Canada.

3 Easy Steps!

DECO-PEEL AND ARO-PEEL



1

ROLL IT OUT



2

ROLL IT ON



3

PEEL IT OFF

DECO-STRIP

• Solvent Based

Chemical Stripper for Removing Old Acrylic Sealers

DECO-STRIP contains a specialized blend of slow-drying, synthetic, biodegradable solvents designed to quickly penetrate and soften acrylic curing and sealing compounds and old, worn-out, faded or chalky acrylic sealers. When ready, a pressure washer is used to remove the softened acrylic sealer. The old sealer is then scooped up and discarded, resulting in a cleaned surface that, after drying, is ready for reapplication of a new sealer. DECO-STRIP meets all federal, and state and Canadian VOC requirements.



DECO-STRIP

PIGMENTED WATER REPELLENT STAINS AND COATINGS

ACRYL-PEN

• Solvent Based

Penetrating Acrylic, Water Repellent, Sealer and Stain for Exterior Horizontal Concrete

ACRYL-PEN combines a low-molecular-weight, non-yellowing, methyl methacrylate acrylic polymer, a deep penetrating water repellent silane and finely-ground, inorganic pigment particles designed to stain, seal and protect exterior broom or light-textured concrete driveways, walkways, balconies, sidewalks and other concrete surfaces subjected to light vehicular or pedestrian traffic. Transforms dull, gray concrete into vividly colored decorative concrete. Produces minimal surface film accumulation and has excellent water vapor transmission properties (High Perm Rating). Provides freeze-thaw protection and resistance to scaling resulting from exposure to deicing salts. Available in multiple colors as well as infinite custom colors. ACRYL-PEN is available in both a federal-VOC compliant version and a Low-VOC version designed to meet federal, most state and all Canadian VOC air quality emission requirements.

NOX-CARB

• Solvent Based

Penetrating Acrylic Sealer, Water Repellent and Stain For Exterior Vertical Concrete

NOX-CARB combines a low molecular weight, non-yellowing, methyl methacrylate acrylic polymer, a deep-penetrating water repellent silane and finely-ground, inorganic pigment particles designed to stain, seal and protect exterior cast in place, precast, tilt-up and

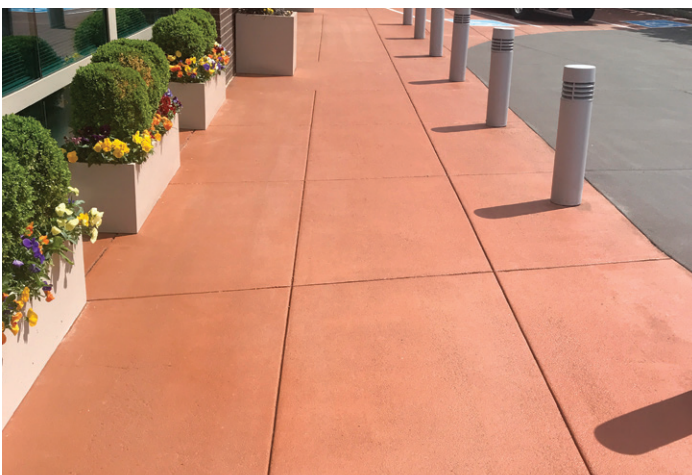
concrete masonry surfaces. Provides a satin finish that masks minor substrate imperfections (additional texturing additives are available for increased masking), is self-cleaning with rain, will not flake or peel and is resistant to fading. Available in multiple colors as well as infinite custom colors and is available with a 10-year warranty. NOX-CARB is also available in both a federal-VOC compliant version and a Low-VOC version designed to meet most state and all Canadian VOC air quality emission requirements.

VERSACRYL

• Water Based

Penetrating Acrylic Sealer, Water Repellent and Stain for Exterior Horizontal Concrete

VERSACRYL consists of a low-molecular-weight, non-yellowing acrylic polymer, a deep-penetrating water repellent silane and finely-ground inorganic pigment particles that all combine to stain, seal and protect exterior broom or lightly-textured concrete driveways, walkways, balconies, sidewalks and other concrete surfaces subjected to pedestrian or light vehicular traffic. Transforms dull, gray concrete into vividly-colored decorative concrete. Produces minimal surface film accumulation and has excellent water vapor transmission properties (high perm rating). Provides excellent freeze-thaw protection and resistance to scaling resulting from exposure to deicing salts. Available in multiple colors as well as infinite custom colors. VERSACRYL meets all federal, state and Canadian VOC air quality emission requirements.



ACRYL-PEN



NOX-CARB

DECORATIVE

SURFACE RETARDERS

CRETE-NOX TA

- Water Based

Concrete Surface Applied Set Retarder for Producing Exposed Aggregate Finishes

CRETE-NOX TA is a liquid, topically-applied, concrete surface retarder designed to be applied to fresh concrete for retarding the set of cement on the surface to allow time for removal of the cement paste and exposing the underlying aggregates. Works with most concrete mix designs to produce uniform and consistent exposed aggregate finishes. CRETE-NOX TA meets all federal, state and Canadian VOC air quality emission requirements.



HISTORY

THE CONCRETE CHALLENGE

In 1956, while working for Standard Oil Company, chemist Carl Linn observed contractors using the company's oil and grease compounds to prevent concrete from bonding to forms. Not only were the compounds difficult to work with, but the concrete was discolored and unpaintable. Forms failed after just a few pours. Concrete workers struggled with these issues for years, but Linn had an idea.

OUR CHEMICAL SOLUTIONS

Carl developed a chemically active release agent, Nox-Crete Form Coating, and a chemically active form maintenance product, Deactivator. With Nox-Crete Form Coating, contractors produced considerably better looking concrete and got longer life from their wood forms.

With Deactivator, concrete buildup was safely and easily removed from tools and equipment. And so, Nox-Crete's passion for solving concrete professionals' challenges was born.

CONCRETE MARKETS WE SERVE

- Forming
- Tilt-Up
- Precast
- Decorative
- Repair
- Flooring
- Curing
- Waterproofing
- Equipment Maintenance
- Plywood Form / OEM

STILL INNOVATING WORLDWIDE

Today, Nox-Crete continues to manufacture chemical solutions to concrete problems. While still manufacturing the original Nox-Crete Form Coating and Deactivator, we have expanded our product line to include over 100 different products spanning six different market segments that are sold through a worldwide network of distributors and dealers.

Following Carl Linn's example, we continue to rely on concrete contractors for new product ideas. Our chemists and engineers examine field problems and develop solutions in our laboratory.

This passion for innovation is found in the quality and performance of all Nox-Crete products.



CARL LINN
IN THE LABRATORY



DEACTIVATOR
FORM COATING

