

nox-crete®

chemical solutions to **concrete** problems

DECORATIVE



DECORATE YOUR CONCRETE

Nox-Crete has been a leading manufacturer of innovative products for decorative concrete for nearly 70 years. Starting with exposed aggregate concrete surface retarders, long-lasting high gloss decorative sealers, exterior stains and deep penetrating interior dyes for polished concrete to fast-acting biodegradable strippers and coating removers, Nox-Crete is your source for high performance, decorative concrete products.



ACRYLIC CURE & SEALS



CURE & SEALS ENHANCE CONCRETE'S STRENGTH AND BEAUTY BY ENSURING PROPER CURING, RESULTING IN A DURABLE AND VISUALLY APPEALING SURFACE

CURE & SEAL 1315 A

• **Solvent Based**

High Solids, Decorative Acrylic Sealer

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.

CURE & SEAL 309

• **Solvent Based**

Mid-Range Solids, Decorative Acrylic Sealer

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. Also available in a low gloss matte version.

CURE & SEAL HG AND LG

• **Solvent Based**

Ultra-Low VOC Curing and Sealing Compound

Acrylic copolymer-based, decorative concrete curing and sealing compounds. When properly applied Cure & Seal HG produces a High Gloss and Cure & Seal LG produces a Low Gloss. Both products are ultra-low VOC (100 g/L) and are compliant in all

US and Canada air quality management districts. These non-yellowing and non-chalking acrylic-based sealers have been specifically formulated for ease of application and to minimize surface bubbling and whiting. Cure & Seal HG and LG meet ASTM C309, Type 1, Class A & B.

CURE & SEAL 100E, 150E & 250E

• **Water Based**

Acrylic Cure and Seal Compounds

Cure & Seal 100E, 150E and 250E compounds are respectively 10%, 15% and 25% solids acrylic copolymer-based curing and sealing compounds. Cure & Seal 100E and 150E are ultra-low VOC (100 g/L) and are an economical, effective choice for curing and sealing concrete floors and exterior flat work. Creates a vapor seal that minimizes moisture loss from evaporation, allowing concrete to develop to maximize strength, density and surface hardness. Provides temporary construction protection from most oils, greases, common chemicals and mortar splashing. CURE & SEAL 100E, 150E AND 250E meet ASTM C309, Type 1, Class A and B and meets federal, most state and all Canadian VOC air quality emission requirements.

CURE & SEAL 1200 E

• **Water Based**

Acrylic Cure and Seal

All methyl methacrylate based decorative concrete curing and sealing compound. Provides the highest level of performance wherever maximum resistance to abrasion, yellowing and oxidation are required. The methyl methacrylate resin used in Cure & Seal 1200 E is tougher and lasts longer compared to the resin used in most other competing products. Two coat applications beautify concrete surfaces with a lustrous sheen. Cure & Seal 1200 E can also be used as a sealer on existing concrete, terrazzo, brick or masonry tiles to provide stain protection with a low gloss (one coat) or high gloss (two coats) finish.



ACRYLIC SEALERS AND COLOR TINT



DECORATIVE SEALERS BRING OUT THE VIBRANT COLORS OF INTEGRALLY COLORED, COLOR-HARDENED, AND STAIN AND DYED CONCRETE PROVIDING LONG-LASTING BEAUTY, STRENGTH, DURABILITY AND GLOSS FOR YEARS TO COME

NATRASEAL

- Solvent Based

Acrylic Sealer

Acrylic-copolymer based, decorative concrete sealer. NATRASEAL enhances surface colors with a glossy sheen while offering maximum protection against ultra-violet induced yellowing and oxidation. Uses a special solvent blend designed to reduce sealer viscosity, improve working time, increase substrate penetration and improve breathability. 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 and Water Based

Acrylic Sealer

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 moisture vapor emission rate (MVER) 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.



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.

CHROMA-TINT

Color Tint Pak For High-Solids Acrylic Sealers

Available in 14 standard tints, Nox-Crete's Chroma-Tint offers the ability to add color directly into the sealer, hiding imperfections or unevenness on most types of exterior concrete for a brighter, more uniform and vibrant look. Chroma-Tint is especially effective at restoring the original appearance to old, faded or worn decorative concrete surfaces. Combining Chroma-Tint with Nox-Crete's Sparkl-Seal or Cure & Seal 1315 A is a cost-effective solution to create a more inviting space with a professionally finished appearance.



LIQUID STAMP RELEASE AND ANTIQUE TINT PAKS



LIQUID RELEASES ARE USED IN PLACE POWDER RELEASES TO PREVENT STAMPS FROM STICKING TO FRESH CONCRETE. ANTIQUE TINTS ARE COMBINED WITH LIQUID RELEASES TO ADD DEPTH AND BEAUTY TO STAMPED CONCRETE

STAMP RELEASE

- Solvent Based

Liquid Release for Decorative Concrete Stamps

STAMP RELEASE is a clear, colorless liquid barrier release agent designed to prevent concrete texturing mats, skins, rollers and tools from sticking to fresh concrete during the decorative texturing or stamping process, providing crisp edges with well-defined texture on all types of decorative concrete. With a pleasant "bubble gum" odor, it leaves no residue and won't affect future coatings or sealers. VOC Compliant in the U.S. and Canada.

ANTIQUE COLOR TINT PAK

- Solvent Based

Antique Color Tint Pak for Stamp Release

Contains non-fading and non-chalking inorganic pigments is available in four different contrasting tint colors designed to give stamped concrete an "antique" appearance in one easy application.

SEALER STRIPPERS AND REJUVENATOR

WHITE AWAY

- Solvent Based

Decorative Acrylic Sealer Rejuvenator

WHITE AWAY is an economical solution for rejuvenating the appearance of decorative acrylic sealers. WHITE AWAY is designed to restore the original appearance of decorative acrylic sealers that have turned white (delaminated/blistered) or that developed bubbles during the application process.



SEALER STRIPPERS AND REJUVENATOR

ROLL IT OUT



ROLL IT ON



PEEL IT OFF



SAFELY AND EFFECTIVELY REJUVENATE OR STRIP OFF OLD,
WORN-OUT DECORATIVE ACRYLIC SEALERS

DECO-PEEL

• Solvent Based

**Biodegradable Chemical Stripper & Blanket System
for Removing Old Acrylic Sealers**

The DECO-PEEL system is the first step in revitalizing old, faded decorative concrete, offering an easy-to-use DIY application and removal system. DECO-PEEL contains a specialized blend of fast-drying, synthetic, biodegradable solvents designed to quickly penetrate and dissolve 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. Upon completion, a new sealer can be applied 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.

DECO-STRIP

• Solvent Based

**Biodegradable Chemical Stripper for Removing Old
Acrylic Sealers**

DECO-STRIP is the first step in revitalizing old, faded or chalky decorative concrete. The product features a specialized blend of slow-drying, synthetic, biodegradable solvents designed to quickly penetrate and soften old or unsightly acrylic curing or sealing compounds. Once fully softened, a pressure washer is used to remove the old sealer, resulting in a cleaned surface that, after drying, is ready for application of a new sealer. Deco-Strip meets all federal, state, and Canadian VOC air quality emission requirements.

3 Easy Steps!

DECO-STRIP



ROLL IT ON



SOFTEN AND WASH



DRY & RESEAL

PIGMENTED WATER REPELLENT STAINS



TRANSFORM EXTERIOR CONCRETE WITH VIBRANT, LONG-LASTING BEAUTY. OUR PIGMENTED WATER-REPELLENT AND STAIN NOT ONLY ENHANCES THE APPEARANCE OF DULL GREY CONCRETE BUT ALSO PROVIDES SUPERIOR PROTECTION AND DURABILITY AGAINST THE ELEMENTS

ACRYL-PEN

• Solvent Based

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

ACRYL-PEN is a breathable, penetrating, pigmented stain and sealer that enhances and protects exterior concrete surfaces such as driveways, walkways, balconies, sidewalks and other exterior concrete surfaces. Acryl-Pen is formulated with low molecular weight, non-yellowing acrylic resins, a water-repellent silane and vibrant, non-chalking pigments to provide long-lasting color and protection. ACRYL-PEN protects concrete from freeze-thaw damage and the penetration of deicing salts. Available in a range of colors, including custom options, ACRYL-PEN meets environmental standards with both federal-VOC compliant and Low-VOC versions.

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 resin, a deep-penetrating water repellent silane and finely-ground, inorganic pigment designed to stain, seal and protect exterior CMU, cast in place concrete, precast and tilt-up concrete wall panels. 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 backed 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.

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. CRET-NOX TA meets all federal, state and Canadian VOC air quality emission requirements.



EVAPORATION REDUCERS AND FINISHING AIDS



RETARD THE EVAPORATION OF SURFACE BLEED WATER, IMPROVE WORKABILITY AND
EXTEND THE WORKING TIME OF FRESH CONCRETE

MONOFILM

- Water Based

Surface Moisture Evaporation Reducer for Concrete

MONOFILM is a Surface Moisture Evaporation Reducer designed to protect fresh concrete slabs from the adverse effects of wind and sun. It reduces surface bleed water evaporation by up to 80%, preventing wind crusting, and minimizing the formation of plastic shrinkage cracks. Monofilm is especially favored by decorative concrete tradesmen in warmer climates, where the film acts as a barrier to keep the surface moist, maintaining its plasticity, and reducing the risk of cracking and shrinking. Monofilm contains a highly visible fluorescent dye for easy, uniform application. Additionally, this film aids in the curing process, trapping more moisture into an imprinted surface and significantly reducing surface cracking. Available in both concentrate and ready-to-use versions.



STAGE 1

- Water Based

Surface Moisture Evaporation Reducer and Concrete Finishing Aid

Applied to fresh concrete after screeding and again during the finishing process, Stage 1 combines with calcium hydroxide to form calcium silicate hydrate gels that fill surface pores and capillaries to reduce moisture loss, increase concrete fluidity and extend workability giving finishers up to 45 minutes of additional finishing time. Especially effective at reducing surface crusting and eliminating craze cracking resulting from the use of concrete mix designs containing Type 1L cement or high concentrations of pozzolans. Contains additives designed to reduce surface friction and drag during hand troweling and power troweling operations, improving concrete surface tightness and reducing worker fatigue.



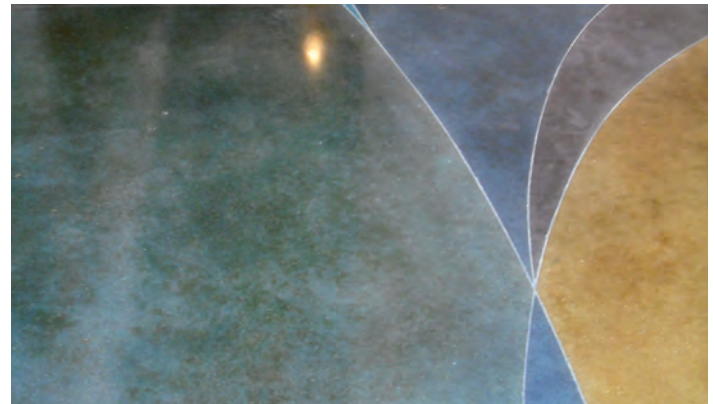
DYE FOR GROUND AND POLISHED CONCRETE FLOORS

DURO-COLOR

- Solvent Based and Water Based

Deep Penetrating, Concentrated Dye Available in 18 Standard Colors

Applied to diamond ground concrete at the 200 to 400 grit resin bonded diamond step, Duro-Color dye penetrates deep into concrete surface pores and capillaries where it chemically combines with calcium silicate hydrate to form a permanent bond that resists fading and discoloration. When used as a component in Nox-Crete's Duro-Floor Color System, dull and plain gray colored concrete floors can be transformed into vibrant colored, beautiful, long lasting and sustainable high gloss floors.



ACCESSORY ITEMS

SOLVENT E

Cleaning and Repair Solvent

SOLVENT E can be used to clean application tools, or to repair blemishes such as surface bubbling that often occur during the application of solvent based acrylic sealers. SOLVENT E can also be used to clear up white spots or blushing associated with trapped moisture. SOLVENT E is one of just two solvents which are VOC compliant in the entire United States and Canada and is a direct replacement for xylene with nearly identical properties.

SOLVENT F

Diluting Solvent

SOLVENT F is a fast-drying, VOC exempt solvent designed for dilution of Duro-Color, an interior concrete floor dye. Its deep penetrating and fast-drying properties make it ideally suited for use on ground and polished decorative concrete floors.

NON-SLIP ADDITIVE

Bleached Aluminum Oxide Non-Slip Additive

Our Non-Slip Additive consisting of a finely ground angular bleached aluminum oxide that is broadcast and back-rolled into the last coat of sealer for improved slip resistance. Non-Slip Additive is recommended for pool decks, walkways, steps, patios and garage floors. It is intended for exterior concrete floors and can be used in either water or solvent-based sealers.

FLATTING PASTE

Flattening Additive for Acrylic Sealers

Nox-Crete Flattening Paste is a solvent-based silica paste specifically designed to reduce the surface gloss of Nox-Crete acrylic sealers, providing a more matte finish. Ideal for projects requiring a less reflective or glossy look, the Flattening Paste integrates seamlessly with Nox-Crete solvent-based acrylic sealers to adjust the final sheen without compromising durability or protective qualities.

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 LABORATORY



DEACTIVATOR
FORM COATING

