PRODUCT DATA

WEATHER-SIL

Penetrating Silane Sealers for Concrete Driveways, Walkways, Patios and Garage Floors.

VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE

	USEPA	OTC I	OTC II	AZ-MCAQMD	CARB - 2000	CARB - 2007	CARB-20/SCAQMD	CANADA
WEATHER-SIL	■	■	■	■	■	■	■	■
WEATHER-SIL EXTREME	■	■	■	■	■	■	■	■

HOW IT WORKS

WEATHER-SIL & WEATHER-SIL EXTREME are water-based silane water repellent sealers that penetrate deep into concrete and masonry, where they chemically react to form a hydrophobic barrier, preventing the absorption of water and chloride ion-containing deicing salts. Surfaces sealed with WEATHER-SIL & WEATHER-SIL EXTREME 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 protects and extends the life of concrete driveways and garage floor surfaces.

APPLICATIONS

- Concrete pavers and landscape blocks.
- Exposed aggregate.
- Can be applied to both new (over 28 days old) and existing concrete surfaces.

ADVANTAGES

- Simple, DIY application.
- Safe and easy to use with very low odor.
- Protects concrete driveways and garage floors from damaging effects of water, ice and deicing salts.
- Protects against delamination from corrosion of embedded reinforcing steel.
- Minimizes freeze/thaw-related scaling and spalling.
- Colorless and non-yellowing – does not change natural appearance of concrete.
- Allows treated surfaces to breathe naturally, minimizing surface sweating.
- Penetrates deep into concrete surfaces and significantly outlasts other types of surface coatings that fail due to abrasion and oxidation.
- Significantly reduces maintenance costs.
- Environmentally-friendly – active component goes into the concrete, not the atmosphere.
- Extended warranties are available for up to 5 years.

⚠ PRECAUTIONS ⚠

- Do not apply to concrete less than 28 days old.
- Do not apply to surfaces covered or saturated with frost.
- To ensure proper performance, temperatures of surface of intended application and ground directly below (substrate) must be above freezing, 32° F (0° C), at the time of product application, and remain above freezing for at least 8 hours following product application.
- Do not apply to glass or glazed tile. In case of accidental contact, remove immediately with soap and water to prevent etching.
- Product may damage vegetation or painted surfaces with contact.
- May not be compatible with certain paints, caulks, sealants or coatings.
- Protect from freezing. 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

- Always read current product literature, labels and safety data sheets from manufacturer thoroughly before product use.
- SURFACE PREPARATION: Prior to applying product, ensure that surface to be treated is clean and dry. Low-pressure pressure washing should be sufficient in most applications. Heavily-soiled surfaces should be adequately cleaned to remove heavy deposits of oil, dirt, etc. prior to treatment. To ensure a properly cleaned surface, consider using Nox-Crete’s Bio-Clean Plus. Surface should be allowed to completely dry (minimum 12 hours); excessive moisture may inhibit penetration, and reduce efficacy and longevity of the sealer. Always perform a test-site application prior to applying in order to ensure compatibility.
- APPLICATION: Once surface has been cleaned and allowed to dry and test application has been completed, mix container contents thoroughly immediately prior to use. Apply product using a low-pressure sprayer, roller or brush. For ease of use, product may be poured directly out of container in ‘ribbons’ and spread evenly with roller. Redistribute any puddling with a roller or broom. Product should be applied evenly to ensure adequate saturation and surface coverage.
- CLEAN UP: Following application, clean application equipment promptly with soap and water.
- REAPPLICATION: Treated surfaces should be swept clean and washed down at least quarterly to remove deicing salts and other contaminants. WEATHER-SIL carries a 3-year warranty; WEATHER-SIL EXTREME carries a 5-year warranty. If applied properly, treated surfaces should not require retreatment within the warranty period.

Water Repellent Sealer

nox-crete®

chemical solutions to concrete problems

COVERAGE RATES

- Tightly-finished, troweled substrates (garage floors) = 250-300 ft²/gal (single coat).
- Broom or open-finished, porous substrates (driveways and sidewalks) = 150-200 ft²/gal (single coat).

* Coverage rates listed above are estimates and provided for reference only. Actual coverage rates will vary depending on surface texture, porosity and application method. Product should be applied at rates sufficient to evenly coat and saturate surface.

TECHNICAL DATA

	WEATHER-SIL / WEATHER-SIL EXTREME
Wet Color	Milky White
Dry Color	Clear
Odor	Low
Freeze Point	32° F (0° C)
Flash Point	>212° F (100° C)
Drying Time	1-2 hours
Foot Traffic	Immediately
Wheel Traffic	2-4 hours
VOC	<50 g/L
VOC Classification	Reactive Penetrating Sealer, Waterproofing Sealer Concrete & Masonry Low Solids

PACKAGING

Product is packaged in 2.5 gal (9.5 L) jugs, 5 gal (19 L) and 20 liter pails.

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 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

WEATHER-SIL - 3 - Year Warranty*

WEATHER-SIL EXTREME - 5 - Year Warranty*

*** Requires completion of warranty application worksheet and proof of purchase**

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.

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