



## Residential Concrete



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## Winter Protection Plan & Extended Warranty Application Worksheet

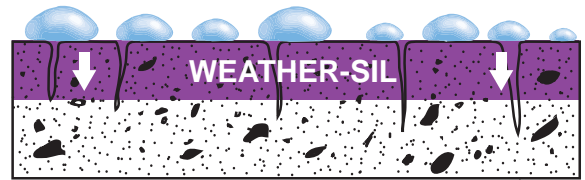




North America offers one of the harshest environments for residential concrete. This is particularly true in the Midwest, Great Lakes area, Upper East Coast and in Canada with exposure to high concentrations of corrosive road salts and more freeze/thaw cycles than anywhere else in the world. Residential concrete in these areas must be properly batched, placed and protected in order to withstand these destructive forces. Without these safeguards, it is almost assured that exposed concrete will succumb to the damaging effects of this environment.

## UNDERSTANDING THE CAUSE

When water freezes, it increases in volume approximately 9%. Concrete surfaces which absorb water are subject to increased pressure from below the concrete surface, where the water changes to ice. When the forces exceed the tensile strength of the concrete, it fractures and this results in a small spall, which over time multiplies, eventually turning into scaling.



The use of calcium chloride and magnesium chloride in deicing salts creates additional problems when it reacts with calcium hydroxide in concrete to form calcium oxychloride, which upon drying is expansive and can also produce surface spalling or scaling of concrete surfaces.

With the application of more deicing salts combined with more freeze/thaw cycles, the process of freezing, expanding, thawing and drying repeats itself, ultimately resulting in more surface cracking, scaling and spalling. Over time, these cracks and spalls will continue to increase in size as water and deicing salts absorb deeper into the concrete surfaces.



*Once scaling has occurred, the only remedy is repair or replacement.  
Prevention is far more economical and efficient.*



## CREATING DURABLE CONCRETE SURFACES

Sustainable exterior concrete that is both attractive and serviceable for many years after placement requires careful attention to detail from the very start. Substrate preparation, concrete mix design, finishing methods, curing and sealing all play a part in creating durable concrete. Industry resources such as the American Concrete Institute and your local ready mix supplier can provide guidance for placement methods, mix design and finishing/curing best practices.

## LONG-LASTING PROTECTION

To provide concrete with the best protection against water and deicing salt absorption, a silane sealer should be applied before exposure to deicing salts and freeze/thaw conditions occur. As a leading manufacturer of quality concrete construction chemicals, Omaha-based Nox-Crete offers a full line of products backed by over 60 years of industry experience, including our WEATHER-SIL line of silane based water repellent sealers.

Traditional concrete protectants are simply surface coatings that offer only short term protection. Eventually these surface films are compromised by exposure to the sun, weather and traffic and concrete is again left unprotected. Unlike these coatings, WEATHER-SIL water repellent sealers incorporate a special silane that, because of its extremely small molecular size, allow it to deeply penetrate concrete substrates as much as a 1/2" inch in depth. Upon contact with the siliceous materials present, WEATHER-SIL reacts chemically with the surrounding concrete to form a long-lasting hydrophobic barrier. This barrier then protects treated surfaces from the absorption and damage caused by water, waterborne deicing salts and repeated freeze/thaw cycles. This protection is long-lasting to the depth of penetration, requiring reapplication only after many years of service.

Concrete surfaces treated with WEATHER-SIL will not look any different then they did prior to application. Texture, color, etc. will remain unchanged.

## DURABILITY GUARANTEED

Nox-Crete offers residential contractors, subcontractors and homeowners a performance guarantee. By following the product application guidelines and applying one of the Weather-Sil water repellent sealers, contractors and homeowners can receive either a 3 – Year Extended Warranty for application of Weather-Sil or a 5 – Year Extended Warranty for application of Weather-Sil Extreme. This Extended Warranty gives additional assurance that concrete surfaces properly treated with Weather-Sil or Weather-Sil Extreme will maintain a water repellent effect that will minimize freeze/thaw related surface cracking, spalling and scaling.

To receive an Extended Warranty on your residential concrete project, read the enclosed information, follow the product application guidelines and complete and return the Extended Warranty Application Worksheet. Peace of mind couldn't be simpler!





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# Residential Concrete Winter Protection Plan & Extended Warranty Application Worksheet

## PROJECT INFORMATION

Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

## PROJECT OWNER INFORMATION

Name \_\_\_\_\_

Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
*(Only if different than project address)*

Phone Number ( ) \_\_\_\_\_ Email \_\_\_\_\_

## APPLICATOR INFORMATION

*(Complete This Area Only If Applicator Is Different Than Owner)*

Applicator's Name \_\_\_\_\_

Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone Number ( ) \_\_\_\_\_ - \_\_\_\_\_ Email \_\_\_\_\_

## SELECT PRODUCT / WARRANTY PERIOD

Select Product / Warranty Period (select one) :  Weather-Sil - 3 Year Warranty  Weather-Sil Extreme - 5 Year Warranty

## PRODUCT INFORMATION

Driveway \_\_\_\_\_ SqFt  Sidewalk \_\_\_\_\_ SqFt  Patio \_\_\_\_\_ SqFt  Walkway \_\_\_\_\_ SqFt  Garage Floor \_\_\_\_\_ SqFt

Note: To be eligible for an extended warranty, concrete surfaces to be treated must be allowed to dry a minimum of 48 hours prior to product application and must be a minimum of 28 days old.

## CONCRETE AGE AND EXISTING SURFACE CONDITION

Surface Scaling \_\_\_\_\_ (Y/N) Spalling \_\_\_\_\_ (Y/N) Delaminations \_\_\_\_\_ (Y/N)

Random Cracking \_\_\_\_\_ (Y/N) Previous Sealer / Curing Compound Applied \_\_\_\_\_ (Y/N)

## CONCRETE SURFACE PREPARATION

High Pressure Wash  Low Pressure Wash  Chemical Cleaner/Stripper  Broom Sweep  None

Note: To be eligible for an extended warranty, concrete surfaces to be treated must be clean of all surface contaminants (dirt, oil, grease, curing compound residue, etc.)

## PRODUCT APPLICATION INFORMATION

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### Product Applied

Weather-Sil       Weather-Sil Extreme

\_\_\_\_\_ Date Product was Applied

\_\_\_\_\_ Ambient Air Temperature at the Time of Product Application

\_\_\_\_\_ Concrete Surface Temperature at the Time of Product Application

**Note: To be eligible for an Extended Warranty, both the ambient air and the concrete surface temperature must be above 40° F and below 90° F at the time of product application.**

\_\_\_\_\_ Total Square Feet of Area Treated for Warranty

\_\_\_\_\_ Total Gallons of Product Applied

\_\_\_\_\_ Average Coverage Rate (sf / gal)

Product	Lot Number*	Gallons Applied
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

\* Product Lot Numbers are located on the container labels

Photos: Attach a minimum of 4 photos showing the area that was treated

## PROOF OF PURCHASE

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Proof of purchase will be required to complete warranty application.

## ACKNOWLEDGEMENT & CERTIFICATION

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*I hereby acknowledge and certify that the above information is correct and that I have reviewed the appropriate WEATHER-SIL Extended Warranty for the warranty period requested above. I understand and agree to accept all terms and conditions stated therein in consideration for Nox-Crete's issuance of this Extended Warranty.*

*Signature of Applicator* \_\_\_\_\_

*Title* \_\_\_\_\_

*Printed Name* \_\_\_\_\_

*Company Name of Applicator, If Applicable* \_\_\_\_\_

*Date* \_\_\_\_/\_\_\_\_/\_\_\_\_

**SUBMIT |**

Once the Extended Warranty Application has been completed please sign, scan and email the completed form and proof of purchase to [customerservice@nox-crete.com](mailto:customerservice@nox-crete.com) or mail to our corporate office at the following address: Nox-Crete Inc. | Attn: Warranty Department | P.O. Box 8102 | Omaha, NE 68108



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### WEATHER-SIL THREE YEAR EXTENDED WARRANTY

PROJECT OWNER'S NAME : \_\_\_\_\_

PROJECT ADDRESS: \_\_\_\_\_

OWNER'S ADDRESS: \_\_\_\_\_  
*(If different than project address)*

OWNER'S PHONE NUMBER: \_\_\_\_\_ OWNER'S EMAIL ADDRESS: \_\_\_\_\_

**WARRANTY TERM: 3 YEARS COMMENCING FROM DATE OF PRODUCT INSTALLATION**

**WARRANTY AREA:**

In consideration for payment of NOX-CRETE's warranty service charges and extended warranty fees (\$1.00 US), NOX-CRETE warrants to the Owner that WEATHER-SIL will provide a water repellent effect subject to the fees, costs, limitations and exclusions set forth below, for a period of THREE (3) years from the date it was applied if, and only if, each of the following conditions are met:

**WARRANTY REQUIREMENTS:**

1. Owner/Applicator has fully completed and submitted to NOX-CRETE an Extended Warranty Application Worksheet for the above referenced project.
2. All stipulations put forth in the Extended Warranty Application have been met.
3. WEATHER-SIL has been applied in accordance with all directions for use cited in the manufacturer's product data sheet.
4. NOX-CRETE representatives or agents are permitted to visit the project site during normal business hours during warranty period.
5. Owner and/or Applicator gives written notice of any claims that WEATHER-SIL has failed to provide a water repellent effect within thirty (30) days of the date the failure is discovered.
6. If warranty conditions are not met or service charges or fees have not been paid, this offer of an extended warranty will be considered withdrawn and no extended warranty will be given by NOX-CRETE under any circumstances.

**WARRANTY**

If each of the above stated conditions are met and WEATHER-SIL fails to provide a water repellent effect, permitting water to permeate structurally sound areas, NOX-CRETE will, when the area has been properly prepared by the Owner/Applicator for retreatment, provide the Owner/Applicator the materials necessary for one retreatment of the areas on which WEATHER-SIL failed to provide a water repellent effect in accordance with, and at a cost to the Owner/Applicator payable to NOX-CRETE, that portion of the products's then current list price multiplied by the pro rata percentage of the warranty period that has expired at the time WEATHER-SIL is provided for retreatment under the terms of the Extended Warranty. NOX-CRETE will not be responsible for any labor to reapply the WEATHER-SIL or repair any damage caused by the absence of any water repellent effect, nor prepare or be responsible for the cost of preparation of the surface for retreatment.

**WARRANTY EXCLUSIONS**

This limited warranty does not apply:

1. If, following WEATHER-SIL application, the concrete surface is abraded to a depth below the penetration of the WEATHER-SIL.
2. If loss of water repellent effect results from structural movement or defects, faulty construction, cracked surfaces or as a result of water entering the substrate from surfaces not receiving WEATHER-SIL, treatment.

3. If the surface receiving the application of WEATHER-SIL is misused, willfully or accidentally damaged. This includes damage caused by negligence, unusual natural occurrences or acts of God.
4. If failure is caused by the surface having been subjected to hydrostatic pressure.
5. If application of WEATHER-SIL occurred to substrate areas evidencing scaling and/or spalling damage at time of application.
6. If it is determined that areas evidencing freeze/thaw induced scaling damage and/or chloride ion induced spalling damage is the result of faulty design or faulty construction, including but not limited to failure to meet or follow current ACI 332 – Requirements for Residential Concrete Construction and ACI 332.IR Guide to Residential Concrete Construction recommendations.

EXCLUSION OF ALL OTHER WARRANTIES:

This Extended Warranty is given in lieu of all other warranties, express or implied. NOX-CRETE gives NO OTHER WARRANTIES, express or implied. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE EXPRESSLY EXCLUDED BY THIS DISCLAIMER.

LIMITATION OF LIABILITY:

WEATHER-SIL is offered for sale by NOX-CRETE and purchased by purchaser subject to the following limitation of liability: In no case shall NOX-CRETE be liable for special, indirect, consequential or incidental damages, including, but not limited to, structural damages, loss of use or lost profits arising from the use of WEATHER-SIL by Owner/Applicator. NOX-CRETE's sole responsibility will be to provide materials for one retreatment of WEATHER-SIL to affected areas in accordance with the warranty provisions and conditions described herein above, and then only if the conditions set forth above have been met. The parties to this contract agree that any disputes arising out of this contract, its performance, or breach, will be subject to binding arbitration under the rules of the American Arbitration Association and the place of arbitration will be Omaha, NE.

DISCLAIMER

Should it be necessary for a NOX-CRETE Technical Representative to inspect the project, it will be for the sole purpose of determining for NOX-CRETE's benefit that there are no Warranty Exclusions applicable to the project and that WEATHER-SIL was properly applied at the manufacturer's recommended rate under suitable weather conditions. NOX-CRETE's Technical Representative is not qualified to determine any other matters such as architectural or structural adequacy or integrity of the substrate, the sufficiency of the construction methods used in construction of the substrate, or the sufficiency of the application methods or techniques. NOX-CRETE's Technical Representative has no authority to represent NOX-CRETE with regard to any such matters and you may not rely on any recommendation or statements made by him/her with regard to any such matters.

*Warranty in force subject to Owner/Applicator conformance to all requirements and conditions listed above.*

\_\_\_\_\_  
Signature of Owner/Applicator

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Company Name & Address (If Applicable)

\_\_\_\_\_  
Date:

Nox-Crete

by: \_\_\_\_\_  
Lori Reid, President

Date: \_\_\_\_\_



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## WEATHER-SIL EXTREME FIVE YEAR EXTENDED WARRANTY

PROJECT OWNER'S NAME : \_\_\_\_\_

PROJECT ADDRESS: \_\_\_\_\_

OWNER'S ADDRESS: \_\_\_\_\_  
*(If different than project address)*

OWNER'S PHONE NUMBER: \_\_\_\_\_ OWNER'S EMAIL ADDRESS: \_\_\_\_\_

**WARRANTY TERM: 5 YEARS COMMENCING FROM DATE OF PRODUCT INSTALLATION**

### WARRANTY AREA:

In consideration for payment of NOX-CRETE's warranty service charges and extended warranty fees (\$1.00 US), NOX-CRETE warrants to the Owner that WEATHER-SIL EXTREME will provide a water repellent effect subject to the fees, costs, limitations and exclusions set forth below, for a period of FIVE (5) years from the date it was applied if, and only if, each of the following conditions are met:

### WARRANTY REQUIREMENTS:

1. Owner/Applicator has fully completed and submitted to NOX-CRETE an Extended Warranty Application Worksheet for the above referenced project.
2. All stipulations put forth in the Extended Warranty Application have been met.
3. WEATHER-SIL EXTREME has been applied in accordance with all directions for use cited in the manufacturer's product data sheet.
4. NOX-CRETE representatives or agents are permitted to visit the project site during normal business hours during warranty period.
5. Owner and/or Applicator gives written notice of any claims that WEATHER-SIL EXTREME has failed to provide a water repellent effect within thirty (30) days of the date the failure is discovered.
6. If warranty conditions are not met or service charges or fees have not been paid, this offer of an extended warranty will be considered withdrawn and no extended warranty will be given by NOX-CRETE under any circumstances.

### WARRANTY

If each of the above stated conditions are met and WEATHER-SIL EXTREME fails to provide a water repellent effect, permitting water to permeate structurally sound areas, NOX-CRETE will, when the area has been properly prepared by the Owner/Applicator for retreatment, provide the Owner/Applicator the materials necessary for one retreatment of the areas on which WEATHER-SIL EXTREME failed to provide a water repellent effect in accordance with, and at a cost to the Owner/Applicator payable to NOX-CRETE, that portion of the products's then current list price multiplied by the pro rata percentage of the warranty period that has expired at the time WEATHER-SIL EXTREME is provided for retreatment under the terms of the Extended Warranty. NOX-CRETE will not be responsible for any labor to reapply the WEATHER-SIL EXTREME or repair any damage caused by the absence of any water repellent effect, nor prepare or be responsible for the cost of preparation of the surface for retreatment.

### WARRANTY EXCLUSIONS

This limited warranty does not apply:

1. If, following WEATHER-SIL EXTREME application, the concrete surface is abraded to a depth below the penetration of the WEATHER-SIL EXTREME.
2. If loss of water repellent effect results from structural movement or defects, faulty construction, cracked surfaces or as a result of water entering the substrate from surfaces not receiving WEATHER-SIL EXTREME, treatment.



3. If the surface receiving the application of WEATHER-SIL EXTREME is misused, willfully or accidentally damaged. This includes damage caused by negligence, unusual natural occurrences or acts of God.
4. If failure is caused by the surface having been subjected to hydrostatic pressure.
5. If application of WEATHER-SIL EXTREME occurred to substrate areas evidencing scaling and/or spalling damage at time of application.
6. If it is determined that areas evidencing freeze/thaw induced scaling damage and/or chloride ion induced spalling damage is the result of faulty design or faulty construction, including but not limited to failure to meet or follow current ACI 332 – Requirements for Residential Concrete Construction and ACI 332.IR Guide to Residential Concrete Construction recommendations.

EXCLUSION OF ALL OTHER WARRANTIES:

This Extended Warranty is given in lieu of all other warranties, express or implied. NOX-CRETE gives NO OTHER WARRANTIES, express or implied. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE EXPRESSLY EXCLUDED BY THIS DISCLAIMER.

LIMITATION OF LIABILITY:

WEATHER-SIL EXTREME is offered for sale by NOX-CRETE and purchased by purchaser subject to the following limitation of liability: In no case shall NOX-CRETE be liable for special, indirect, consequential or incidental damages, including, but not limited to, structural damages, loss of use or lost profits arising from the use of WEATHER-SIL EXTREME by Owner/Applicator. NOX-CRETE's sole responsibility will be to provide materials for one retreatment of WEATHER-SIL EXTREME to affected areas in accordance with the warranty provisions and conditions described herein above, and then only if the conditions set forth above have been met. The parties to this contract agree that any disputes arising out of this contract, its performance, or breach, will be subject to binding arbitration under the rules of the American Arbitration Association and the place of arbitration will be Omaha, NE.

DISCLAIMER

Should it be necessary for a NOX-CRETE Technical Representative to inspect the project, it will be for the sole purpose of determining for NOX-CRETE's benefit that there are no Warranty Exclusions applicable to the project and that WEATHER-SIL EXTREME was properly applied at the manufacturer's recommended rate under suitable weather conditions. NOX-CRETE's Technical Representative is not qualified to determine any other matters such as architectural or structural adequacy or integrity of the substrate, the sufficiency of the construction methods used in construction of the substrate, or the sufficiency of the application methods or techniques. NOX-CRETE's Technical Representative has no authority to represent NOX-CRETE with regard to any such matters and you may not rely on any recommendation or statements made by him/her with regard to any such matters.

*Warranty in force subject to Owner/Applicator conformance to all requirements and conditions listed above.*

Nox-Crete

\_\_\_\_\_  
Signature of Owner/Applicator

by: \_\_\_\_\_  
Lori Reid, President

\_\_\_\_\_  
Print Name

Date: \_\_\_\_\_

\_\_\_\_\_  
Print Company Name & Address, If Applicable

Date: \_\_\_\_\_