

## Bridges & Parking Structures

Decks, Ramps & Slab on Grade  
Columns & Walls  
Beams & Diaphragms  
Pier Caps  
Abutments  
Spandrels  
Parapets

## Tunnels

Walls  
Arches  
Plenums

## Roadway Development

Concrete paving  
Sidewalks & curbs  
Sound walls  
Jersey barrier

## Airports

Runways & Taxiways  
Aprons  
Hangers

## Distribution Centers

Walls & Floors

MARKET SPECIFIC SOLUTIONS TO BUILD, ENHANCE, MAINTAIN AND REPAIR

# Transportation



The development, maintenance and improvement of our transportation infrastructure system is critical to sustain economic growth. For more than four decades, Vexcon has consistently delivered durable, proven, attractive and cost effective products designed to meet the specific demands of building and maintaining our transportation network. Our products meet the toughest environmental and industry standards as well as state and federal transportation agencies.



Concrete solutions for architects, engineers and builders since 1974

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# Market Specific Solutions to Build,



## Corrosion Control

Protect reinforcing steel from the damaging affects of water and chloride penetration increasing the service life of new and existing structures.

### Certi-Vex Penseal CT

Surface applied corrosion prevention treatment for new concrete or as part of a corrosion repair system to existing concrete. Prevents and reduces corrosion in reinforced steel.

### Certi-Vex Penseal CT O/W

Surface applied corrosion prevention treatments also available with enhanced stain protection, for new concrete or as part of a corrosion repair system to existing concrete. Prevents and reduces corrosion in reinforced steel.

### Certi-Vex Epoxy AC

Anti-corrosion coating for steel reinforcement and extended open time bonding agent.

### Certi-Vex CE 90

Super low viscosity epoxy to seal cracks and protect against damage from salts and moisture.



## Repair

A complete range of high performance, premium concrete repair mortars for cosmetic and structural repairs.

### Certi-Vex Patch FS Plus

High performance versatile polymer modified repair mortar containing a corrosion inhibitor to protect steel from corrosion. For vertical, overhead and horizontal repairs up to 2".

### Certi-Vex Rapid Patch

Ideal for repairs requiring rapid strength gain and quick return to service. Fiber reinforced for repairs up to 6".

### Certi-Vex Epoxy Grout 100

Flexible epoxy repair material with excellent adhesion, high impact and abrasion resistance.

### Certi-Vex Patch RTU

Ready to use cementitious polymer for cosmetic vertical repair of concrete.

### Certi-Vex Patch FP

Repair mortar for shallow surface defects up to 1/2".

### Certi-Vex Patch V/O

Portland cement based, single component, polymer modified, fast setting, non-sag patching mortar for vertical and overhead repairs.

### Certi-Vex CE 110

Structural low viscosity epoxy injection resin for bonding of cracks.

### Certi-Vex CE 210

Structural medium viscosity epoxy resin for gravity feed crack repair and patching of horizontal and vertical surfaces.

### Certi-Vex CE 310

Structural non sag gel epoxy resin for patching horizontal, vertical and overhead surfaces.



## Bonding & Anchoring

High strength moisture tolerant 100% solids structural 2 part epoxy bonding adhesives and special polymer based bonding agents as well as anchoring resins insure proper bonding of concrete surfaces and anchoring of bolts, dowels and reinforcing steel.

### Certi-Vex CE 210

High modulus, medium viscosity multi-purpose adhesive for bonding fresh to hardened concrete. Meets ASTM C-881.

### Certi-Vex CE 310

High modulus epoxy non sag gel adhesive for anchoring bolts, dowels and reinforcing steel in concrete. Meets ASTM C-881.

### StarSeal Enviobond

A modified vinyl acrylic emulsion with a 72 hour open time. Provides excellent bond strength between hardened and plastic concrete and cement mortars.

### Certi-Vex Epoxy AC

Anti-corrosion coating for steel reinforcement and extended open time bonding agent.

## Joint Sealant/Filler

### PowerCoat Flexible Joint Sealant

Highly flexible epoxy joint filler. Excellent adhesion and chemical resistance.

## Traffic Coatings

Epoxy Broadcast Overlay system that protects new and deteriorated concrete surfaces from the elements with a durable, long lasting, aesthetically pleasing non-skid waterproof surface.

### Certi-Vex CE 60

Low modulus 100% solids moisture tolerant 2 part pigmented epoxy resin. Excellent for use as a binder for concrete skid resistant overlays on parking decks and other elevated structures. Meets ASTM C-881.

### Certi-Vex UR

Optional clear UV resistant urethane top coat.



# Enhance, Maintain and Repair



## Penetrating Sealers/ Water & Stain Repellents

Clear breathable VOC compliant water and stain repellent treatments designed to protect against the harmful affects of wind driven rain, freeze-thaw and chloride and moisture penetration.

### Certi-Vex Penseal 244 40%

Premium high solids solvent base silane sealer. Ideal for low temperature applications.

### Certi-Vex Penseal 244 100%

100% silane sealer for maximum protection for high traffic and extreme weather environments.

### Powerseal 40

Premium high solids water base silane sealer. Low odor and environmentally friendly.

### Certi-Vex Penseal 244 O/W

High solids silane sealer with enhanced protection from oil and other stains. Improves the appearance and reduces on going maintenance costs.

### Certi-Vex Penseal 244 FD

Fast drying for quick return to service. Ideal for low temperature applications.

## Sealers/Film Forming

Innovative one step cure and protect products that produce stronger, more durable and longer lasting concrete. Once applied, the surface is properly cured and water repellent in one application and puts concrete into service weeks sooner.

### StarSeal Guard

Water base clear single component economical coating that combines the benefits of a penetrating sealer and cure into one product.

### Certi-Vex Guard

Solvent based clear single component coating that combines the benefits of a penetrating sealer and cure into one product.

### Certi-Vex Guard CACS

Colored solvent based clear single component coating that combines the benefits of a penetrating sealer and cure into one product.

### Certi-Vex Guard DOT

Dissipating single component product that combines the benefits of a penetrating sealer and curing membrane into one product.



## Wall Coatings

Keeping surfaces dry and looking great requires products that can resist the elements. Vexcon produces functional and aesthetically enhancing products that provide years of protection.

### Certi-Vex Seal Coat

Cement base waterproof coating for above and below grade concrete and masonry surfaces.

### Certi-Vex Water Plug

Rapid setting polymer modified hydraulic cement to permanently seal out active water.

### Certi-Vex/StarSeal HBC

Breathable smooth and textured high build waterproof coatings that enhance the aesthetic appearance while providing superior performance, excellent adhesion, flexibility and resistance to wind driven rain, UV light, molds and mildew.

### Guard Clear & CACS

Clear & colored innovative one step products that combines the benefits of a penetrating water repellent sealer and a cure for fresh concrete into one product. The product can also be used on existing concrete.

### PowerCoat Anti-Graffiti

Non-sacrificial graffiti protection available in clear gloss and matte finishes. Breathable with excellent adhesion, weather and waterproofing properties.

### Certi-Vex Masonry Coating

Economical general purpose acrylic breathable coating that provides better protection from the elements than conventional exterior paints.

### Certi-Vex Block Fill

Fills in pores and capillaries of concrete block and provides a uniform, sealed surface. It contains special fibers, which assist in bridging holes and voids and provides an excellent bond between the substrate and subsequent Certi-Vex/StarSeal HBC top coat.



## Curing , Sealing & Hardening Compounds

Protect and improve concrete from the day it's poured or restore and protect older concrete surfaces with the industries largest selection of premium products that meet the toughest environmental and industry standards.

### Envicure

White and clear resin based dissipating curing compounds promote longer life better performing concrete. Available in multiple grades to meet specification and job site specific requirements.

### Certi-Vex/StarSeal Sealers

Largest selection of breathable water and solvent acrylic based products to cure, seal, protect and enhance a variety of functional and decorative concrete surfaces.

### StarSeal PS

Premium high solids densifier that provides a permanently sealed and hardened surface that is easy to apply, low maintenance, wear and abrasion resistant.

### StarSeal Protect MFS

Magnesium fluorosilicate hardener and dust proofer formulated to chemically bond with concrete to produce a dense, abrasion resistant and breathable floor.

### StarSeal EF Hardener 204

Water white silicate based solution that produces chemical hardening of concrete surfaces. It is formulated with proprietary additives to encourage maximum penetration and to minimize dusting.

# Products for Transportation Construction

Corrosion Control

Repair

Bonding & Anchoring

Penetrating Sealers

Traffic Deck Overlay

Wall Coatings

Curing, Sealing & Hardening Compounds

● Highly Recommended







○ Recommend

 Eco-Friendly

Bridges  
Tunnels  
Roadway Development  
Parking Structures  
Airports  
Distribution Centers

## Vexcon Product

## Description

<b>Certi-Vex Penseal CT &amp; CT O/W</b>	Surface applied corrosion prevention treatments also available with enhanced stain protection, for new concrete or as part of a corrosion repair system to existing concrete. Prevents and reduces corrosion in reinforced steel.	●	●	●	●	●	○	
<b>Certi-Vex CE 90</b>	Super low viscosity epoxy to seal cracks and protect against damage from salts and moisture.	●	○	●	●	●	●	
<b>Repair Mortars</b>	A complete range of high performance vertical, overhead and horizontal fast setting repair mortars for structural and cosmetic repairs designed to meet your site specific requirements.	●	●		●	●	●	
<b>Certi-Vex CE 210 &amp; 310</b>	Construction Epoxy's designed to structurally bond concrete surfaces and anchor dowels, bolts and reinforcing steel.		○	●	●	●	●	
<b>StarSeal Enviobond</b>	Vinyl acrylic emulsion designed as a bonding agent between concrete surfaces and cement mortars.	○	○		○	○	○	
<b>Certi-Vex Epoxy AC</b>	Anti-Corrosion coating for steel reinforcement and extended open time bonding agent.	●	●	●	●	●	●	
<b>Certi-Vex Penseal 244 100%</b>	100% silane sealer for maximum protection for high traffic and extreme weather environments.	●	○	○	●	●	○	
<b>Certi-Vex Penseal 244 40%</b>	Premium high solids solvent base silane sealer. Ideal for low temperature applications.	●		○	●	●	○	
<b>Powerseal 40</b>	Premium high solids water base silane sealer. Low odor and environmentally friendly.	●	○	○	●	●	○	
<b>Certi-Vex Penseal 244 O/W</b>	High solids silane sealer with enhanced protection from oil and other stains. Improves the appearance and reduces on going maintenance costs.				●	●	○	
<b>Certi-Vex Penseal 244 FD</b>	Fast drying for quick return to service, provides maximum protection for high traffic and harsh environments.	●	○	○	●	●	○	
<b>Certi-Vex CE 60</b>	Epoxy Broadcast Overlay system that protects new and deteriorated concrete surfaces from the elements with a durable, long lasting, aesthetically pleasing non-skid waterproof surface.	●			●		○	
<b>Certi-Vex Seal Coat</b>	Cement base waterproof coating for above and below grade concrete and masonry surfaces.	○			○			
<b>Certi-Vex Water Plug</b>	Rapid setting polymer modified hydraulic cement to permanently seal out active water.		●					
<b>Certi-Vex/StarSeal HBC</b>	Breathable smooth and textured high build waterproof coatings that enhance the aesthetic appearance while providing superior performance, excellent adhesion, flexibility and resistance to wind driven rain, UV light, molds and mildew.	●	●		●	●	●	
<b>Guard Clear &amp; CACS</b>	Clear & colored innovative one step products that combines the benefits of a penetrating water repellent sealer and a cure for fresh concrete into one product. The product can also be used on existing concrete. Cost effective, saves time and complete projects faster.	●	●	●	●			
<b>PowerCoat Anti-Graffiti</b>	Non-sacrificial graffiti protection available in clear gloss and matte finishes. Breathable with excellent adhesion, weather and waterproofing properties.	●	●	●	●	●	●	
<b>Certi-Vex Masonry Coating</b>	Economical general purpose acrylic breathable coating that provides better protection from the elements than conventional exterior paints.				○	○	○	
<b>Certi-Vex Block Fill</b>	Fills in pores and capillaries of concrete block and provides a uniform, sealed surface. It contains special fibers, which assist in bridging holes and voids and provides an excellent bond between the substrate and subsequent Certi-Vex/StarSeal HBC top coat.	●	●		●	●	●	
<b>Envicure</b>	White and clear resin based dissipating curing compounds promote longer life better performing concrete. Available in multiple grades to meet specification and job site specific requirements.	●	●	●	●	●	●	
<b>Certi-Vex/StarSeal Sealers</b>	Largest selection of breathable water and solvent acrylic based products to cure, seal, protect and enhance a variety of functional and decorative concrete surfaces.	○		○	○	○	○	
<b>StarSeal PS</b>	Premium high solids densifier that provides a permanently sealed and hardened surface that is easy to apply, low maintenance, wear and abrasion resistant.					○	●	
<b>StarSeal Protect MFS</b>	Magnesium fluorosilicate hardener and dust proofer formulated to chemically bond with concrete to produce a dense, abrasion resistant and breathable floor.					○	●	
<b>StarSeal EF Hardener 204</b>	Water white economical silicate based solution that produces chemical hardening of concrete surfaces. It is formulated with proprietary additives to encourage maximum penetration and to minimize dusting.					○	●	

## Customer Service & Technical Support

Get the answers and information you need fast from our experienced sales, customer service and technical support professionals. From requesting free product samples and literature, order status, and delivery information, to product recommendations, specification support and help answering your on-site questions, we're here for you.

## Training & Field Support

We develop flexible and customized training programs to enhance your product and application knowledge.

We also provide job site support to make product recommendations and to ensure successful installation.

## Contact Us

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Vexcon products meet the toughest current environmental and performance standards in the market today. All Vexcon products comply with federal EPA and state VOC regulations as well as numerous industry standards and specifications. Consult specific product data sheet for more information. Always test to confirm suitability and required results. [Learn more at vexcon.com](http://www.vexcon.com)

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