

MARKET SPECIFIC SOLUTIONS TO BUILD, ENHANCE, MAINTAIN AND REPAIR

# Transportation



The development, maintenance and improvement of our transportation infrastructure is critical to sustain economic growth. For more than three 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.



## Weatherproofing

Exposed concrete and masonry structures require protection from the elements. Our complete line of breathable water and stain repellents extend the life and improve the appearance of horizontal and vertical surfaces by sealing and protecting from the damaging effects of wind-driven rain, freeze/thaw cycles, moisture, chloride ion intrusion, airborne contaminants and staining. Protected surfaces last longer, look better and are easier to maintain.

## Waterproofing

Keeping surfaces looking great and dry requires products that can resist the elements. Our product line of high performance coatings provide years of protection from the elements while enhancing the aesthetic appearance of the structure. Our products provide design flexibility and can be combined into systems to meet your projects specific requirements. Apply to new or existing, above or below grade horizontal and vertical concrete, masonry, block and stucco.

## Repair

A complete line of user friendly repair products that are engineered to fit the particular needs of any project. Products include patching and repair mortars, grouts, bonding agents, adhesives, and resurfacing and epoxy materials used for structural, non structural and cosmetic repairs and restoration of horizontal, vertical, overhead and underwater applications that will reconstruct and repair old and damaged concrete and masonry.

## New Construction

Vexcon is your single source construction chemical provider. Our products consistently perform at the highest level to protect and improve the performance of concrete from the day it's poured. Vexcon provides numerous product options to meet your site specific requirements including:

- Form Treatments
- Curing Compounds
- Cure and Seals
- Polished Concrete
- Epoxy and Urethane Coatings

## Bridges and Parking Structures

Decks, Ramps and Slab on Grade

Columns and Walls

Beams and Diaphragms

Pier Caps

Abutments

Spandrels

Parapets

## Tunnels

Walls

Arches

Plenums

## Roadway Development

Concrete paving

Sidewalks, curbs and gutters

Sound walls

Jersey barrier

## Airports

Runways

Taxiways

Aprons

Hangers

Walls and Floors



Concrete solutions for architects, engineers and builders since 1974

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# Products for Transportation Construction

Vexcon Product						Description	● Highly Recommended ○ Recommended Eco-Friendly				
	Weatherproofing	Waterproofing	Repair	Form Treatments	Curing & Sealing		Bridges	Tunnels	Roadway Development	Parking Structures	Airports
Certi-Vex Penseal 244 100	✓					100% silane water repellent clear sealer for maximum protection in high traffic and extreme weather environments.	●	○	●	○	○
Certi-Vex Penseal 244 40 & O/W	✓					High solids VOC solvent based silane water repellent clear sealers for premium protection against oil staining, salt corrosion, water, wind driven rain, airborne contaminants, and freeze/thaw cycles.	○	○	●		
Powerseal 40	✓					40% water based silane water repellent clear sealer for premium protection against salt corrosion, water, wind driven rain, airborne contaminants, and freeze/thaw cycles.	○	○	●		
Certi-Vex Guard Clear and CACS	✓	✓			✓	Unique blend of silane and acrylic clear and colored coatings, that are breathable, aesthetically pleasing, non-fading, UV and stain resistant that seal and protect. Available in 3 gloss levels as well as standard and custom colors.	●	●	○	●	
StarSeal Vertical Stain	✓				✓	Water based breathable acrylic economical coating that provides good protection from the elements while enhancing and revitalizing. Available in standard and custom colors.				○	
Certi-Vex Masonry Paint	✓					Economical general purpose acrylic coating which provides better protection over conventional paints. Available in standard and custom colors.				○	○
PowerCoat Epoxy HD		✓				Premium heavy duty breathable epoxy coating that provides durability, abrasion, and excellent chemical resistance for the most demanding environments.	○		○	●	
PowerCoat UV+ HD		✓				Premium heavy duty breathable urethane coating that provides excellent UV protection and abrasion resistance, durability, and chemical resistance.	●			●	●
Certi-Vex Enviosmooth		✓				Premium coatings that provide attractive opaque finishes while protecting the structure from water intrusion and carbonation. Available in 30 standard plus custom colors as well as four textured finishes.	●	●	●	●	
PowerCoat Anti-Graffiti		✓				Polyurethane protection that can be used by itself or as a top coat providing a uniform and aesthetically pleasing appearance.	●	●	●	●	
StarSeal EF series			✓			Four technologically advanced water base form releases to choose from that offer economical, all weather performance. These products contain special additives which provide exceptional bonding to many form types and are ideal for use in environmentally sensitive areas as well as a maintenance treatment to prevent concrete build up on construction equipment.	●	●	●	●	● 
Certi-Vex FR series			✓			Manufactured from highly refined hydro-treated oil, these premium chemically active release agents are highly effective and produce stain and residue free concrete.	●	●	●	●	●
Enviocure White series				✓		White pigmented resin base emulsion dissipating curing compounds. Available in four grades to meet specification and job site specific requirements.	●		●		●
Enviocure series				✓		Clear resin base emulsion dissipating curing compounds. Available in four grades to meet specification and job site specific requirements.	○	○	○	●	○
StarSeal series				✓		Clear and colored economical low odor water base acrylic curing, sealing and dust proofing compounds. Available in seven grades.	○	○	○	○	
Certi-Vex 1315 series				✓		Premium clear and colored acrylic coatings designed to be non-yellowing, chemical resistance and long lasting, Choose economical to premium performance, desired gloss and optional color.	○	○	○	○	
Certi-Shine					✓	Floor polishing system providing long term protection against wear and staining. Zero VOC system eligible for LEED points. The Certi-Shine system allows for varying levels of gloss and architectural finishes.					● 
Repair Mortars, Epoxies & Grouts			✓			A wide range of vertical, overhead and horizontal fast setting, high strength repair mortars, epoxies and non-shrink grouts designed to meet your site specific requirements.	○			●	○
Certi-Vex CEA HM (LV & MV)		✓	✓			High modulus epoxy adhesives ideally suited to repair structural cracks, anchor dowels and bolts or to bond fresh to hardened concrete.	●	●		●	●
Certi-Vex CEA LMLV		✓	✓			Low modulus epoxy adhesive used for deck overlays, crack repairs, and as a binder for epoxy mortar patching and resurfacing.	○	●		●	

## 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. [Learn more at vexcon.com](http://www.vexcon.com)

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