

MARKET SPECIFIC SOLUTIONS TO BUILD, ENHANCE, AND REPAIR

# Tilt-Up Construction



Tilt-up construction offers an architecturally appealing, cost effective, durable and sustainable building method for many types of building structures as well as design flexibility. Today, Vexcon delivers the most comprehensive and technically advanced product line of compatible chemicals for use in site cast tilt up construction.

Education and Religious Facilities, Office Buildings, Correctional Facilities, Distribution Centers, Warehouses, Retail and Commercial Buildings, Parking and Bridge Structures

Architectural Finishes

Repair and Grouting

Floor Casting Slabs

Forming of Wall Panels and Liners

Sidewalks, Plazas and Entrance Ways



## Repair/Grouting/ Forming

A variety of fast setting, high strength and polymer modified products for quick and easy repair of vertical, overhead and horizontal concrete as well as the correction of wall panel surface imperfections. High strength, non shrink grouts for grout pads.

## Bond Breakers/ Curing / Curing and Sealing

Vexcon provides liquid membrane curing materials, technically advanced bond breakers and numerous film forming sealers all engineered to comply with ASTM C309 curing standard.

## Architectural Finishes

Panel Treatments: High performing breathable and functional treatments based on acrylic, silane/acrylic, silane and polyurethane technologies that add aesthetics, hide imperfections and provide long term protection from the elements. Products are available in many formulations, finishes and textures. Chemical retarders to aid in exposing aggregate.

## Floor Treatments

- High performance floor coatings add aesthetics, durability, chemical and abrasion resistance.
- Floor hardener and densifiers provide a sealed, durable, and low maintenance floor.
- Polished concrete for durable, low maintenance floors with an architectural finish.
- Cure and Seals for economical, decorative and functional surfaces.



Concrete solutions for architects, engineers and builders since 1974

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# Products for Tilt-Up Construction

Vexcon Product											Description	● Highly Recommended ○ Recommended Eco-Friendly			Architectural Finishes Repair & Grouting Forming of Wall Panels & Liners Sidewalks, Plazas & Entrance Ways Floor Casting Slabs					
	Weatherproofing	Waterproofing	Bond Breaker	Form Treatment	Curing	Curing & Sealing	Floor Treatments	Other												
EZ Lift			✓								Reactive, non membrane economical water base and all weather VOC solvent based bond breakers that provide excellent positive release for exceptional wall panel appearance.									○
StarSeal Clean Lift			✓		✓						Water based bond breaker that meets ASTM C-309 curing standard on any type of finished concrete.									●
StarSeal EF series				✓							Four technologically advanced water base form releases 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.							●		●
Form Coating				✓							Economical epoxy coating that seals tilt up form headers and other wood components.							●		
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.	●								
Certi-Vex Envio Smooth	✓	✓									Coatings that provide attractive opaque finishes while protecting the structure from water intrusion and carbonation. Available in standard and custom colors as well as four textured finishes.	●								
EnvioSet								✓			Aids in producing beautiful decorative exposed aggregate.	●								
Certi-Vex Penseal 244 40	✓										40% VOC solvent based silane water repellent clear sealer for premium protection against salt corrosion, water, wind driven rain, airborne contaminants, and freeze/thaw.	○								
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.	○								●
StarSeal Vertical Stain	✓					✓					Water based economical acrylic breathable 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 Anti-Graffiti Coating	✓	✓									Polyurethane protection that can be used by itself or as a top coat providing a uniform and aesthetically pleasing appearance.	●								
PowerCoat Epoxy								✓			Premium epoxy breathable coatings that provide durability, abrasion, and excellent chemical resistance for the most demanding environments.									●
PowerCoat UV+								✓			Premium urethane breathable coatings that provide excellent UV protection and abrasion resistance, durability, and chemical resistance.									●
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.									●
StarSeal PS								✓			High solids liquid densifier system that penetrates and chemically reacts with concrete floors, providing a water and stain repellent sealed surface that is low maintenance, wear and abrasion resistance.									●
Certi-Vex 1315 series								✓	✓		Premium clear and colored water and solvent based acrylic coatings engineered to be non-yellowing, chemical and abrasion resistant. A wide range of product choices including, economical to premium performance, gloss levels and colors.									●
StarSeal series					✓						Clear economical water base acrylic curing, sealing and dust proofing compounds. Available in seven grades.									●
Enviocure 100					✓						Clear resin base emulsion curing compound complies with ASTM C-309 curing standard.									○
StarSeal EF Cleaner								✓			Industrial grade cleaning solution specifically formulated to clean construction stains and dirt.									○
Certi-Vex Patch FP								✓			Thin set patch, polymer modified ideal to repair surface imperfections.							●		
Certi-Vex Patch FS								✓			Fast setting, high strength polymer modified mortar designed to repair weld pockets, panel block outs, and other types of construction damage.							●		
Certi-Vex Grout 1000								✓			High strength, non shrink grout for use in panel erection.							●		
Flexible Epoxy Joint Sealer								✓			Two component flexible epoxy saw cut joint filler.									●

## 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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