



[www.PCIMidwest.org](http://www.PCIMidwest.org)

# focus

summer 15

## PRECAST CONCRETE

# Industrial and Warehouse Structures

Precast concrete is being used more to help industrial and warehouse projects meet their high performance goals. Precast concrete is a high performance material that integrates easily with other systems and inherently provides the versatility, efficiency, and resiliency needed to meet the multi-hazard requirements and long-term demands of high performance structures. Precast concrete structural and envelope systems meet the high performance demands of industrial and warehouse projects by providing cost-effective bay spacing, fire resistance, and durable, affordable building envelopes.

### Precast is Versatile

*Aesthetic Versatility* - Industrial projects can be "pretty." Precast allows designers to create a wide range of aesthetic effects and colors, affordably incorporate historic elements, and integrate a diverse array of façade elements into a single precast panel. Precast allows an array of affordable treatments for even buildings with large façade areas.

*Structural Versatility* - Precast concrete is a structural system that enables designers to integrate structural and

*(continued inside)*



*(Continued from front page)*

architectural, reducing materials, detailing, costs, construction complexity and more. Precast long-span products are ideal for clear span warehouse and storage facilities.

### **Precast is Efficient**

*Accelerated Construction* - Precast concrete is one of the fastest building systems available, enabling warehouse and storage facility owners to meet demanding schedules and reduce general conditions costs. It is also manufactured offsite, minimizing project site disturbance and preserving site area for parking and other uses.

*Thermally Efficient* - Precast wall systems provide a continuous air barrier (as required by the 2012 IECC), a vapor barrier, and can provide edge-to-edge, continuous insulation (meeting ASHRAE 90.1) all in one system.

*Reduce Life Cycle Costs* - Precast does not rot, rust, degrade in the presence of sunlight or water, or require painting in most applications. Precast systems typically have fewer joints as compared to many other systems, and joint maintenance is simplified. No repointing is ever required in thin-brick facades, as the mortar joint is part of the body of the concrete panel. When combined with the precast's energy savings, overall life-cycle costs are reduced.

*Risk Reduction* - Precast concrete construction reduces professional liability risk for design professionals and construction cost risk for developers through its engineering design assist services, reduced detailing and construction trades, ability for cold-weather erection, and faster erection and fit-out for faster occupancies.

### **Precast is Resilient**

*Multi-hazard Protection* - Precast inherently provides protection from natural and man-made disasters. Precast does not combust and



provides passive fire protection, as well resistance to earthquakes, storms, and external explosions.

*Improved Indoor Environmental Quality* - Precast does not contain VOCs, provide a food source for mold, and has excellent acoustic separation properties. Furthermore, its thermal mass helps to delay and dampen the peak HVAC load, and allows warehouse owners to save money on HVAC equipment cost.



## Hawkins Chemical

Hawkins, Inc. is a local chemical distribution company which brings in raw, high-strength chemicals from national manufacturers and combines and/or dilutes them to be used for various industrial uses. The new Hawkins Rosemount Warehouse is a project consisting of an almost 65,000 square foot precast warehouse, small office area, exterior railroad siding and an exterior chemical storage tank farm.

Concrete roof double tees and interior wall panels were used for protection from fire and explosion.

Epoxy mesh was used in roof tees and interior wythe of wall panels to protect from the harsh environment.



[www.wellsconcrete.com](http://www.wellsconcrete.com)



Architect / Engineer: **Paul Meyer Architects Inc** • Contractor: **Knutson Services Inc.** • Location: **Rosemount MN**

## Lincoln Airport Authority Building 96

The Air Park Industrial area has been seeing a lot of activity. Building 96, as it is called by the Lincoln Airport Authority, is the second rail-served building constructed in their rail center complex in recent years. It is situated facing the original building and separated by parking lots and an access road. It needed to be constructed quickly as to facilitate the rapid growth in manufacturing needs of the original building's tenant. Long term plans for the rail center complex call for as many as five buildings.

Building 96's large foot print encompasses over 113,000 SF of useable floor space. The exterior wall perimeter utilized 234 pieces of 10" thick precast insulated load bearing wall panels with an R-Value of 21.5. The wall panels range in height from 36'-5" to 41'-0". The panels have an integral buff color on the exterior along with reveals. The inside exposed finish of the wall panels have an exceptionally smooth finish because there were no back face pick inserts used to strip the panels. Instead, the panels were stripped from the

forms using a vacuum device.

The structure's design is versatile in not only meeting the tenant's needs today but also in the future. Thirty-six precast insulated knock-out panels were integrated into the walls which could be used for future overhead door openings. Large bay sizes of 63'-0"x 57'-0" were chosen to

maximize the useable floor space and to provide the tenants with flexible build-out options. The mezzanine floors provide an additional 10,000 SF of space and incorporated 171 pieces of 8" thick x 4'-0" wide hollowcore.



[www.concreteindustries.com](http://www.concreteindustries.com)



Owner: **Lincoln Airport Authority** • Architect/Engineer: **Davis Design** • Contractor: **NGC Group, Inc.** • Location: **Lincoln, NE**

## The Buckle Headquarters Facility

The new corporate headquarters for The Buckle will house a variety of departments in the 81,000 square foot expansion. Located in Kearney, Nebraska, the two story, steel framed structure utilized a 10" thick composite wall panel system using 3" insulation. Horizontal Bands of Ashlar formliner along with a three tone stained concrete color scheme accented the exterior of the building. The large simulated stone corner pilasters give the project a balanced feel.

The precaster provided approximately 38,500 square feet of wall panel, including 101 pieces. These 12'-6" wide window unit panels featured a set of vertically aligned 8' x 8' windows. The windows allowed for natural light to flow into the interior space on each floor. Strategically spaced work zones take advantage of this natural

light. H&M Architects and Engineers collaborated with the precaster to finalize design elements and features to maximize their value. The Buckle is proud to call Kearney home and reinforced their commitment to the

community with their new precast concrete headquarters facility.



[www.enterpriseprecast.com](http://www.enterpriseprecast.com)



Owner: **Buckle, Inc.** • Architect: **H&M Architects/Engineers** • Contractor: **H&M Contracting** • Location: **Kearney, NE**

## Next Tech Data Center

Products: 16" Hollow Core Plank: 182,000 Sq. Ft

The precaster completed installation of 16" hollow core plank for the Next Tech data center in Chaska, MN. The 16" hollow core plank, the deepest section of plank poured in the U.S., was sized for the project due to heavy load requirements. The precaster utilized special lifting clamps to install the plank. The lifting clamps provided a safe and ergonomic way for the precaster's field crews to place the planks.

An integral part of the hollow core plank design was the FEMA F5 Tornado Design that the project specified. The design requires keyway bars, additional weld plate connections, and a detailed

shear wall to hollow core plank connection. The design of the structure specified a significant amount of dead load on the hollow core plank. A cross section of 3" of composite topping, 3" of insulation, as well as 8" of ballasted

topping is intended to counteract any uplift from tornadic activity.



[www.molin.com](http://www.molin.com)



Owner: **Next Tech** • Architect: **Corgan Associates** • Engineer: **L.A. Fuess Partners, Inc.** • General Contractor: **M.A. Mortenson Construction** • Photo Credit: **Jason Becker, Molin Concrete Products** • Location: **Chaska, MN**

## Dakota Beverage

Dakota Beverage was a replacement facility because the owner needed a larger building. Other needs that were addressed are the inclusion of both cold storage and dry storage (tempered, not chilled) as well as additional office space.

The precaster supplied insulated wall panels, architectural cladding with brick and some beams/columns and also furnished the complete structural system for the cooler. The cooler consists of twelve beams, four columns, twenty Double Tees and 42 insulated wall panels. The rest of the warehouse is comprised of insulated wall panels which provided the continuous insulation needed with an architectural finish on the outside along with a hard, durable finish on the inside. This was important due to the amount of forklift traffic and risk of damage.

Established in 1953, Dakota Beverage is a one of the most influential and successful beer distributors in the Sioux Falls, SD area and the owner wanted a design that incorporated the look of hops in the face to show its relationship to beer. The precaster worked with the design team to come

up with a way to recess the shape into the panel 1/2" and use a different finish in this area. The recessed "hops" are done with exposed aggregate finish while the remainder of the panel is sand blasted. That really made the eye-catching design pop on the panel. Additionally, the front entrance is done with thin brick clad panels in order to create a richer feel around the entry.

The precaster's insight combined with the collective minds of Fiegen Construction enabled the team to create a value-driven facility that is

highly flexible and enhances Dakota Beverage's standing as a one of the most influential and successful beer distributors in the area.

Overall product on the job: 460 SF of 8" hollowcore, 10,000 SF of Double Tees, 1,200 SF of brick clad architectural cladding, 12 beams, 4 columns and 155 Insulated Wall Panels

**Gage**  
Brothers

[www.gagebrothers.com](http://www.gagebrothers.com)



Contractor: **Fiegen Construction** • Architect: **Dave Van Nieuwenhuyzen (Fiegen Construction)** • Engineer: **KMS Engineering** • Photo credit: **Cipher Imaging** • Location: **Sioux Falls, SD**

## About PCI Midwest

PCI Midwest serves Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota and Western Wisconsin. Formerly the Midwest Precast Association, the organization was first incorporated in 2003. Its mission is to promote the use of precast/prestressed concrete, to further educate the construction industry about precast/prestressed concrete, and to expand and nurture relationships between industry-related individuals and companies.

### PCI Midwest Officers

*Chairman:* John Arehart, Enterprise Precast

*Vice Chairman:* John Saccoman, Molin Concrete Products Co.

*Treasurer:* Gregg Jacobson, Wells Concrete

*Secretary:* Todd Culp, Coreslab Structures

*At Large North:* Jim Houtman, Fabcon

*At Large South:* Adam Petersen, PDM Precast

### Contact PCI Midwest

PCI Midwest

PO Box 386324 - Bloomington, MN 55438

[www.pcimidwest.org](http://www.pcimidwest.org)

952-806-9997 (Phone)

952-806-9998 (Fax)

Mike Johnsrud, President and Executive Director

[mike@pcimidwest.org](mailto:mike@pcimidwest.org)

612-760-6101 (Cell)

Margaret Mills, Administrative Assistant

[margaret@pcimidwest.org](mailto:margaret@pcimidwest.org)

651-423-4737 (Office)

# Learn & Earn Half Day Seminars

Learn precast and earn continuing education credits!

---



## **NEW! Lateral Loads and Precast Concrete Design - Part II.**

This half-day seminar is dedicated to the design of precast and prestressed concrete buildings for lateral loads generated by wind and earthquake ground motion provisions. The seminar provides an overview of lateral force resisting systems for precast and prestressed concrete structures. The seminar includes the calculation of member forces for a typical five-story office building located in the Midwest. Design procedures and calculations for typical members in the building are presented.



## **Lateral Loads and Precast Concrete Design – Part I.**

This half-day seminar is dedicated to the design of precast and prestressed concrete buildings for lateral loads generated by wind and earthquake ground motions. The seminar provides an overview of lateral load determination for precast concrete buildings, including both architectural and structural precast concrete. The seminar includes a brief history of wind and seismic lateral loads in building codes in the United States in conformance with IBC 2009, ASCE 7-05, and ACI 318-08. Numerical examples are presented for a typical five-story office building located in the Midwest.



## **Total Precast Concrete Design.**

Learn the advantages of a total precast building system during this half-day seminar. Strategies such as increased efficiency and shorter construction schedules of “dual use” structural and exterior cladding systems will be presented, as well as guidelines for the design and detailing of architecturally finished exterior walls, concrete tees, hollowcore plank, and precast concrete stairs. Integration of HVAC systems, building code requirements, and total precast’s potential contribution toward LEED certification will also be discussed.



## **Designing Precast Concrete Parking Structures.**

Learn how to design and detail precast concrete parking structures during this half-day seminar. Advantages such as decreased construction time, efficiencies of combining a variety of exterior finishes with exposed structural members, and precast concrete’s potential contribution toward LEED certification will be discussed. Integration of HVAC systems, building code requirements, long-term durability, ramp and vehicle circulation types, safety, and maintenance issues will also be presented.

---

Continuing education credits are available for these presentations. All Half Day Seminars are 3.5 hours long and are approved for AIA HSW 3.5 LU. A certificate for 3.5 PDH is also available. Contact PCI Midwest at 952-806-9997 or e-mail [mike@pcimidwest.org](mailto:mike@pcimidwest.org) for more information on how you can participate.

# Learn & Earn Box Lunches

PCI Midwest provides continuing education programs on a variety of topics. These programs are easily tailored to conference room or classroom lunch programs. Architects and engineers can learn about precast concrete hollow-core floors and walls, architectural precast concrete, precast parking structures, glass fiber reinforced concrete, high performance precast concrete and much, much more. Contact [mike@pcimidwest.org](mailto:mike@pcimidwest.org) to request a program for you or your company.

The following programs are prepared and ready for presentation. Please allow a minimum of two- to three-weeks from the date of your submission to the date of your requested presentation.

**Discover High Performance Precast** (Credits: 1.0) Recent code changes, increasing sustainability requirements, and a challenging economy are just some of the factors increasing demand for high-performance structures. However, high performance is not business-as-usual. The concept of 'high-performance' encompasses sustainability; however, it goes beyond a 'this-or-that' approach by requiring optimization of all relevant attributes for a project on a life cycle basis. This presentation will explain what high performance structures are, and how precast concrete can help you achieve your high performance project goals. The presentation also covers the basics of precast concrete, its applications, finishes, etc.

**Artist's Palette: The Aesthetic Versatility of Precast Concrete** (Credits: 1.0) The aesthetics of a structure are very important, as it is what most people identify with. High performance materials should provide aesthetic versatility in order to efficiently meet a structure's architectural requirements. Precast concrete provides incredible aesthetic versatility from providing multiple colors and textures, to developing shapes, forms and very ornate details. Precast can also simulate or be veneered with natural materials providing all of their beauty, but with the added speed, durability, many other benefits of precast. This presentation will provide an overview of the many finishes available with precast concrete, along with methodologies for achieving them. We will also discuss combining multiple finishes into single panels, veneers and embedded materials, selection of mix designs, approaches to achieving colors, proper specification, and procedures to ensure expectations are aligned.

**High Performance Precast Concrete Envelope Systems** (Credits: 1.0) A structure's envelope has considerable impact on its overall performance, as highlighted by recent code changes. The envelope not only serves as a barrier between the outside environment and conditioned space, but also as a part of the aesthetic expression for the structure. It must also serve as a protective shield against environmental forces. High-performance building envelopes can help reduce the overall energy consumption of a structure throughout the structure's life, and maintain and protect its interior environment and occupants. This presentation addresses what high performance building envelopes are, as well as key elements to their performance. It will discuss how to use precast concrete wall systems to meet the latest code requirements such as continuous insulation and air barriers, and include topics such as moisture management, thermal mass effect and how to calculate effective R-values, integration with other building systems, and more. This session will also touch on the idea of resilience. A structure must be able to resist environmental forces, such as high winds and earthquakes in order to protect life and fulfill its intended purpose. Case studies are used to highlight information presented.

**Designing Precast Concrete School Buildings** (Credits: 1.0) After attending this presentation, participants will be able to: Discuss how different Precast/Prestressed components are used in school designs Use the aesthetic features of precast to create structures to meet the unique needs of schools Understand the Precast design process

**Designing with Precast/Prestressed Hollow-Core Concrete** (Credits: 1.0) This course instructs participants about hollow-core products and how to design and build utilizing hollow-core floors and walls. Participants also learn about the inherent fire resistance of hollow-core, a major life-safety consideration. After this program, participants will be able to: Identify the different precast, prestressed hollow-core concrete systems Explain the benefits of using precast, prestressed hollow-core concrete Discuss the benefits of using hollow-core concrete with owners and other designers.

**Parking Garage Design and Construction** (Credits: 1.0) In this course, participants are instructed in improving security and lighting in parking structures and the inherent safety issues. They are also instructed in architectural treatment options for



facades which can make garages more aesthetically pleasing. Participants will also discuss ways to avoid parking structure leakage. From this course, they will be able to use a construction procedure to avoid this leakage.

**Precast Housing Structures** (Credits: 1.0) In this program, participants will discuss precast, prestressed concrete in the housing market. Precast, prestressed concrete provides long clear spans, shallow cross sections, high load capacities, high durability, compatibility with block, steel and cast-in-place concrete, and attractive appearance. Also learn how owners and residents benefit from low maintenance, two- or four-hour fire ratings, lower fire insurance rates, and strong acoustical control. After this program, participants will be able to: Identify the different precast concrete systems used in housing Explain the benefits of using precast concrete in housing structures Utilize precast concrete structures to benefit clients with fire suppression and environmental issues.

**Precast Industrial Structures Design & Construction** (Credits: 1.0) Box lunch attendees will learn the key benefits of precast, prestressed components and see the advantages of an integrated design approach.

**Precast Stadiums Design & Construction** (Credits: 1.0) Box lunch attendees will learn how working with your precast, prestressed specialist at the earliest stages of design can mean a winning combination of advantages for your next stadium. These include flexibility of design, including long spans; high quality of manufactured products; versatility; high-performance, durable materials; and speed of construction because precast components can be erected quickly once they arrive at the site. After attending this program, participants will be able to: Identify the different precast, prestressed concrete systems used in stadium designs Explain the benefits of using precast, prestressed concrete in stadiums Discuss the benefits of PCI-certified precast producers

**Precast/Prestressed Concrete 101** (Credits: 1.50) Participants will explore building design solutions using precast and prestressed concrete products. They will learn what precast, prestressed concrete products are, how they are manufactured, including structural theory of prestressing, and quality assurance procedures. They will learn about the industry certification program (PCI) of plants, people and performance. Participants will explore numerous examples of architectural and structural concrete solutions for numerous building markets. They will explore a variety of architectural finishes and how each is created in terms of color, form and texture. They will explore common structural solutions using prestressed concrete products and explore integrated solutions; realizing the full potential of loadbearing architectural precast units. The session will end with an overview of industry support available to the design community, including published and electronic media and a question and answer session.

**Precast/Prestressed Plant Tour** (Credits: 2.0) Attendees will observe firsthand how designs and engineering



details are executed in the precast manufacturing process. They will also observe the entire precast and prestressed manufacturing process from engineering and connections, forms set-up, casting and finishing. Attendees will gain a better understanding of precast and prestressed capabilities and related quality issues. Attendees will learn how precast fits within the entire building system and how to specify precast concrete accurately and safely.

### **Sustainable Building Design Using Precast Concrete**

(Credits: 1.0) After this presentation, participants will understand the following concepts: (1) The key to sustainable building lies in long-life, adaptable, low-energy design. (2) The earth's resources are best conserved if the service life of a building is prolonged. (3) Using precast concrete in buildings conserves energy and resources during and after construction because of the following characteristics of precast concrete: (a) The materials used in precast buildings are natural, renewable, and locally available. (b) Water and materials used in precast buildings are often recyclable and recycled. (c) Indoor and outdoor air quality are improved in precast buildings because less (or no) VOC-based preservatives and paints are required, and because of the thermal mass qualities of precast concrete.

**Total Precast Structures** (Credits: 1.0) After this program, participants will be more familiar with what a total precast concrete structure is, how a total precast structure can benefit a project, and what components are used to construct a total precast structure. Participants will also learn how to manage a successful project.

### **Architectural Precast Production & Application**

(Credits: 1.0) In this program, students will learn about the practical application of a wide variety of architectural precast solutions. The discussion will include design choices and cost considerations.



# New Seminar Coming this Fall!

## High Performance Building Enclosures

A structure's enclosure has considerable impact on its overall performance, as highlighted by recent code changes. The enclosure not only serves as a barrier between the outside environment and conditioned space, but also as a part of the aesthetic expression for the structure. It must also serve as a protective shield against environmental forces. High-performance building enclosures can help reduce the overall energy consumption of a structure throughout the structure's life, and maintain and protect its interior environment and occupants.

This presentation will address what high performance building enclosures are, as well as key elements to their performance. It will discuss how to use precast concrete wall systems to meet the latest code requirements such as continuous insulation and air barriers, and include topics such as moisture management, thermal mass effect, effective R-values, integration with other building systems, enclosure commissioning, and more. This seminar will also touch on aesthetics and best practices to achieve your aesthetic goals. It will also address the idea of resiliency since high performance structures should resist environmental forces, such as high winds and earthquakes in order to protect life and fulfill its intended purpose. Several case studies will be used to highlight information presented.

Continuing education credits will be available for this seminar. The seminar will be 4.5 hours long and will be approved for AIA HSW 4.5 LU. A certificate for 4.5 PDH will also be available. Contact PCI Midwest at 952-806-9997 or e-mail [mike@pcimidwest.org](mailto:mike@pcimidwest.org) for more information on how you can participate in Des Moines, IA; Omaha, NE; Kansas City, MO or Minneapolis, MN.



# Associate Members

## Architectural Polymers, Inc.,

1220 Little Gap Road  
Palmerton, PA 18071  
610-824-3322  
www.apformliner.com  
Marshall Walters  
marshall@apformliner.com

## Ash Grove Cement

Dave Suchorski 913-205-8146  
dave.suchorski@ashgrove.com

## Beton-Stahl, Inc.

2003 O'Neil Rd  
Hudson, WI 54016  
715-808-0213  
www.beton-stahl.com  
Chris Arlandson, P. E.  
info@beton-stahl.com

## Bob's Sparkle Wash

1135 114th Lane NW  
Coon Rapids, MN 55448  
www.sparklewashcmn.com  
Rep: Bob Walters 612-325-1125  
Rep: Scott Walters 612-328-5797  
Rep: Mark Joslyn 612-290-7109

## Cheesebrough Brokerage Inc.

448 Lilac Street  
Lino Lakes, MN 55014  
Rep: Patrick Cheesebrough  
651-717-6060

## The Consulting Engineers Group, Inc.

16302 Pleasantville Rd, Suite 200  
San Antonio, TX 78233  
www.cegengineers.com  
Rep: Larbi Sennour, PhD, PE, SE  
210-637-0977 ext. 225

## Dynamic Color Solutions

2024 S. Lenox Street  
Milwaukee, WI 53207  
www.dynamiccolorsolutions.com  
414-769-2585

## e.Construct.USA, LLC

11823 Arbor Street, Suite 200  
Omaha, NE 68144  
www.econstruct.us  
402-884-9998

## Elematic

19745 Sommer Drive  
Brookfield, WI 53045  
www.elematic.com  
262-798-9777

## Endicott Thin Brick & Tile LLC

PO Box 645  
Fairbury, NE 68352  
www.endicott.com  
Rep: Dean Schmidt 402-729-3315  
Rep: Dalton Holtzen 402-729-3315

## Fister Quarries Group

1150 Lyon Road  
Batavia, IL 60510  
www.fisterquarries.com  
800-542-7393

## Fitzgerald Formliners

1500 E Chestnut Ave, Santa Ana, CA 92701  
www.formliners.com  
Edward Fitzgerald 714-547-6710

## GCC of America

600 S Cherry St. #1000  
Glendale, CO 80246  
www.gccusa.com

## GRT Admixtures

2978 Center Court, Eagan, MN 55121  
www.grtinc.com  
651-454-4151  
Travis Collins: Travis@grtinc.com

## Hamilton Form Company

7009 Midway  
Fort Worth, TX 76118  
www.hamiltonform.com  
817-590-2111  
sales@hamiltonform.com

## Helser Industries

10750 SW Tualatin Road, PO Box 1569,  
Tualatin, OR 97062  
503-692-6909

## Insteel Wire Products

1373 Boggs Dr  
Mt. Airy, NC 27030  
www.insteel.com  
800-334-9504  
Rep: Randy Plitt  
rplitt@insteel.com

## Iowa Steel & Wire Company

1500 W Van Buren, PO Box 156,  
Centerville, IA 52544  
www.okbrandwire.com  
800-325-5118

## JVI Inc.

169 N Hampshire  
Elmhurst, IL 60126  
www.jvi-inc.com

## Lafarge North America

855 Apollo Road  
Eagan, MN 55121  
www.lafarge-na.com  
Phone: 800-437-5980  
Main Contact: Dave Meyer

## Landwehr Construction

PO Box 1086  
St. Cloud, MN 56302  
www.landwehrconstruction.com  
800-446-1284  
Rep: Paul Nelson 507-380-9423

## Lehigh Cement

12300 Dupont Avenue South  
Burnsville, MN 55337  
www.lehighcement.com  
Rep: Dave Gausam

## Masonry & Precast Specialty Services

726 N Frontier Rd  
Papillion, NE 68046  
www.masonryprecast.com  
402-306-6004  
Craig Christensen

## METROBRICK

1201 Millerton Street SE  
Canton, OH 44707  
www.metrothinbrick.com  
Rep: Dianne Young 888-325-3945

## Mixer Systems Inc.

190 Simmons Ave, Pewaukee, WI 53072  
www.mixersystems.com  
Stephen Nelson 262-691-3100  
steven@mixersystems.com

## Nox-Crete Products Group

1444 S 20th St, Omaha, NE 68108  
www.nox-crete.com  
Jeff Bishop 402-401-0506  
jbishop@nox-crete.com

## Shuttlelift

49 E Yew Street  
Sturgeon Bay, WI 54235  
www.shuttlelift.com  
920-743-8650

## Sika Corporation

1515 Titanium Drive  
Ottawa, IL 61350  
www.usa.sika.com  
Andy Pearson 920-655-7600  
pearson.andy@us.sika.com

## Splice Sleeve North America, Inc.

38777 W Six Mile Rd #205  
Livonia, MI 48152  
www.splicesleeve.com  
877-880-3230  
Rep: Toshi Yamanishi

## Standley Batch Systems, Inc.

PO Box 800,  
Cape Girardeau, MO 653702-0800  
www.standleybatch.com

## Structural Engineering Associates, Inc.

1000 Walnut, Suite 1570  
Kansas City, MO 64106  
www.seassociates.com  
816-421-1042  
Main Contact: Kelley Gipple

## Sumiden Wire Products Corp.

710 Marshall Stuart Drive,  
Dickson, TN 37055  
www.sumidenwire.com  
Matt Speedy 614-537-5988

## Thermomass

1000 Technology Drive,  
Boone, IA 50036  
www.thermomass.com  
800-232-1748  
Rep: Brad Nessel

## THiN-Wall

210 N. 13th Street  
Seward, NE 68434  
www.thin-wall.com  
800-869-0359

## Topping Out, Inc.

5910 S 27th Street,  
Omaha, NE 68107  
www.daviserection.com  
402-731-7484

## US Formliner

370 Commerce Blvd, Athens, GA 30606  
www.usformliner.com  
Ray Clark 706-549-6787

## WR Grace Co

Dan Beskar 952-905-0085  
daniel.a.beskar@grace.com

# Producer Members

**Key:**

**Architectural  
Structural**  
Bridge – Transportation

|  | Architectural Precast | Architectural Trim | Beams/Columns | Wall Panels | Poles | Hollow-core Slabs | Single Tees | Double Tees | Stadium Seats | Modular Cells | Soundwalls | Piles | Boxed Beams/Slabs | I Beams/Girders |
|--|-----------------------|--------------------|---------------|-------------|-------|-------------------|-------------|-------------|---------------|---------------|------------|-------|-------------------|-----------------|
| <b>Advanced Precast Co.</b> (Mike Decker)<br>Farley, IA, 563-744-3909 • www.advancedprecastcompany.com   | •                     |                    |               | •           |       |                   |             |             |               |               |            |       |                   |                 |
| <b>Concrete Industries, Inc.</b> (Randy Schultz)<br>Lincoln, NE, 402-434-1800 • www.concreteindustries.com   |                       |                    | •             | •           |       | •                 |             | •           | •             |               |            | •     |                   | •               |
| <b>Coreslab Structures (Kansas) Inc.</b> (Mark Simpson)<br>Kansas City, KS, 913-287-5725 • www.coreslab.com  |                       |                    |               |             |       |                   |             |             |               |               | •          | •     | •                 | •               |
| <b>Coreslab Structures (Missouri) Inc.</b> (Michael Saint)<br>Marshall, MO, 660-886-3306 • www.coreslab.com  | •                     |                    | •             | •           |       |                   | •           | •           | •             |               |            |       | •                 | •               |
| <b>Coreslab Structures (Omaha) Inc.</b> (Todd Culp)<br>Bellevue, NE, 402-291-0733 • www.coreslab.com   | •                     | •                  | •             | •           |       |                   |             | •           | •             | •             | •          | •     | •                 | •               |
| <b>County Materials Corp.</b> Roberts, WI (Steve Hoelsing, 800-289-2569) • Bonne Terre, MO (Scott Boma, 573-358-2773) • www.countymaterials.com                        | •                     | •                  | •             | •           |       | •                 |             |             | •             | •             | •          | •     | •                 | •               |
| <b>Crest Precast Concrete, Inc.</b> (Gary Mader)<br>La Crescent, MN, 507-895-2342 • www.crestprecastconcrete.com   | •                     | •                  |               | •           |       |                   |             |             |               |               | •          |       | •                 |                 |
| <b>CreteX Concrete Products, Inc.</b> (Joel Mich)<br>Maple Grove, MN, 763-545-7473 • www.cretexconcreteproducts.com  |                       |                    |               |             | •     |                   |             |             |               |               | •          | •     | •                 | •               |
| <b>Enterprise Precast Concrete, Inc.</b> Omaha, NE (Shawn Wentworth) 402.895.3848 • Overland Park, KS (Dirk McClure) 913-312-5616 • www.enterpriseprecast.com          | •                     | •                  |               | •           |       |                   |             |             |               |               |            |       |                   |                 |
| <b>Fabcon</b> Savage, MN (Jim Houtman) 952-890-4444<br>Columbus, OH, Mahoney City, PA and Pleasanton, KS - www.fabcon-usa.com  |                       |                    |               | •           |       |                   |             |             |               |               | •          | •     |                   |                 |
| <b>Gage Brothers Concrete Products, Inc.</b> (Tom Kelley)<br>Sioux Falls, SD, 605-336-1180 • www.gagebrothers.com  | •                     | •                  | •             | •           |       | •                 |             | •           | •             |               | •          |       |                   | •               |
| <b>Mid America Precast, Inc.</b> (Rod Tanner)<br>Fulton, MO, 573-642-6400 • www.midamericaprecast.com  | •                     | •                  | •             | •           | •     |                   |             |             |               | •             |            |       |                   |                 |
| <b>Molin Concrete Products Co.</b> (John Saccoman)<br>Lino Lakes, MN, 651-786-7722 • www.molin.com   |                       |                    | •             | •           |       | •                 |             |             | •             |               |            |       |                   |                 |
| <b>MPC Enterprises, Inc.</b> (Don Bieghler Jr.)<br>Mt. Pleasant, IA, 319-986-2226 • www.mpcent.com   | •                     | •                  | •             | •           | •     |                   | •           | •           | •             | •             | •          |       |                   |                 |
| <b>PDM Precast, Inc.</b> (Adam Petersen)<br>Des Moines, IA, 515-243-5118 • www.pdmprecast.com  | •                     |                    | •             | •           |       | •                 | •           | •           | •             |               |            |       |                   |                 |
| <b>Prestressed Casting Co.</b> (David Robertson)<br>Springfield, MO, 417-869-7350 • www.prestressedcasting.com   | •                     |                    | •             | •           |       |                   | •           | •           | •             |               | •          |       |                   |                 |
| <b>Prestressed Concrete</b> (Rod Nicholson)<br>Newton, KS, 316-283-2277 • www.prestressedconcreteinc.com   | •                     |                    | •             | •           |       |                   | •           | •           | •             |               | •          | •     | •                 | •               |
| <b>Stress-Cast Inc</b> (Jim Markle)<br>Assaria, KS, 785-667-3905   |                       |                    |               | •           |       | •                 |             |             |               |               |            |       |                   |                 |
| <b>Wells Concrete</b> Wells, MN, Albany, MN and Maple Grove, MN (Spencer Kubat, 800-658-7049) • Grand Forks, ND (Mike Mortenson, 800-732-4261) • www.wellsconcrete.com | •                     | •                  | •             | •           |       | •                 |             | •           | •             |               | •          |       | •                 |                 |