

Focused on Advanced Facades



NATIONAL ENCLOSURE COMPANY, LLC

Financial/Bonding
Strength

National Enclosure Company

Experienced
Executive Management

Advanced Technologies
and Design Tools

NEC is a nationally recognized curtainwall and advanced structure contractor with proven expertise in sophisticated monumental facades. Our primary focus is to apply our knowledge and experience in the areas of design, material selection, scheduling and constructability to assure that the "Best Value" is achieved for our client.

TOP
600
Specialty
Contractor

ENR
Engineering News Record

National Enclosure is one of the many subsidiaries of National Construction Enterprises, Inc, established more than 40 years ago and having a long and distinguished record of achievement, earning national and international prominence.

National Enclosure's commitment to the success of every project extends to the financial strength as well, by leveraging the resources of our parent company.

NEC Strengths:

Pre-Construction Assistance

- Design feasibility & constructability
- Budget & best value review
- Material selection

Company Strength and Stability

- Glazing contractor for 40+ years
- High bonding capacity
- Nationally ranked

Versatility

- Design assist, a part of every project
- Manufacturing plant in Ohio

Advanced Structures



The Corning Museum of Glass



Cleveland Museum of Art



The Corning Museum of Glass



Cleveland Museum of Art

Advanced Structures can take many shapes and forms and utilize innovative systems and components. But the one common thread is that the utilization of these technologies "pushes the envelope" in their effort to create a unique and monumental statement.

NEC has the proven expertise to explore the parameters our clients visions and assure successful development of these undertakings. By leveraging our knowledge and the knowledge of our partner supplier in Europe and the rest of the world, NEC can assure innovation that is grounded in rigorous engineering and sound execution.

Systems & Innovations

- AESS advanced steel grid structures
- Tensegrity structure, utilizing rods & cables
- Structural glass – utilizing the glass as a structural component



**MOST INNOVATIVE CURTAIN WALL
OR ENCLOSURE PROJECT**

**The Corning Museum of Glass
Contemporary Art + Design Wing**



Cleveland
Museum of Art

Flats East Building

“NEC builds with experience, innovation and integrity all with a focus on advanced facades”

Facades

Unitized Curtainwall

Factory assembled and glazed (unitized) curtainwall has become the “Gold Standard” in facade systems, and NEC leads the way with proven expertise in the development of custom monumental and standardized curtainwall systems. NEC’s HVU system, is a time tested system that is installed on numerous projects across the nation, and offers the client exceptional value.

With unitized systems such as HVU, NEC can provide time tested “Best Value” approaches offering the following options and benefits:

- Various standard systems depths from 5 ½” to 12 ½”
- Captured or silicone glazed in any combination
- Integrated vertical and horizontal sunshade options
- Rainscreen spandrel options including terra cotta, metal panel and natural stone
- Integrated manual and automated vent windows
- Dual wall options, including motorized blinds



The OSU Chemical and Biomolecular Engineering and Chemistry Building



University Hospitals Seidman Cancer Center



University of Maryland - Physical Sciences Complex



THE
ARCHITECTS
NEWSPAPER

**BEST OF DESIGN AWARDS
WINNER: FACADES**

**The John and Frances Angelos Law Library,
University of Baltimore**



University of Michigan -
Biomedical Research Laboratory



Miami Valley Hospital



University Hospitals
Seidman Cancer Center

Facades

Building Envelopes

National Enclosure offers a single source approach for complete envelope projects creating a well organized construction experience for our clients.

National Enclosure has a unique combination of corporate resources resulting in the ability to provide complete enclosures with all aspects of the wall envelope from structural studs and rainscreen systems to unitized curtainwalls.

ADVANTAGES:

- Constructability review of design is earlier in design process
- Comprehensive system development with all envelope systems combined
- More efficient and accurate budget analysis and adjustments during design assist phase
- **Transition details are designed and coordinated much earlier for constructability and effectiveness**
- Early procurement of long lead time materials
- Field staff's understanding and review of complicated transitions is assisted through the envelope 3D model
- Improved equipment use and selection
- Field management is focused on the performance of the total enclosure
- Reduced risk for client
- **Single source warranty for entire envelope**

“Rainscreen and curtainwall systems are blended on more and more of our projects, requiring earlier technical review”

Bill Lincoln
Vice-President
National Enclosure Company



University of Michigan
Ross School of Business

Ross School of Business





The Corning Museum of Glass



Holy Cross Hospital



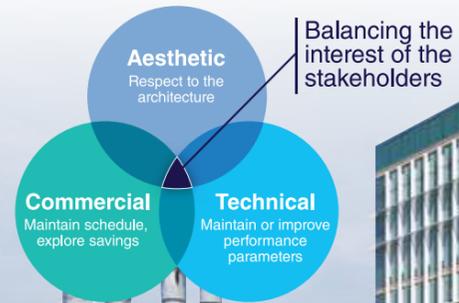
Flats East Building

Design Assist

Design Assist Project Delivery

The sophistication of today's facade systems, the variability of design options and the long lead times of the materials combine to create an impediment to fast track construction.

National Enclosure Company works closely with the client, architect and consultants to assure design progress, while balancing the interests of each team member. NEC assures that we are addressing the aesthetic intent, the technical performance requirements, while making sure the schedule and costs are being monitored. The NEC design assist process has been implemented successfully on nearly 100% of our projects.



University of Baltimore - The John and Frances Angelos Law Center



The OSU Chemical and Biomolecular Engineering and Chemistry Building



University Hospitals Seidman Cancer Center



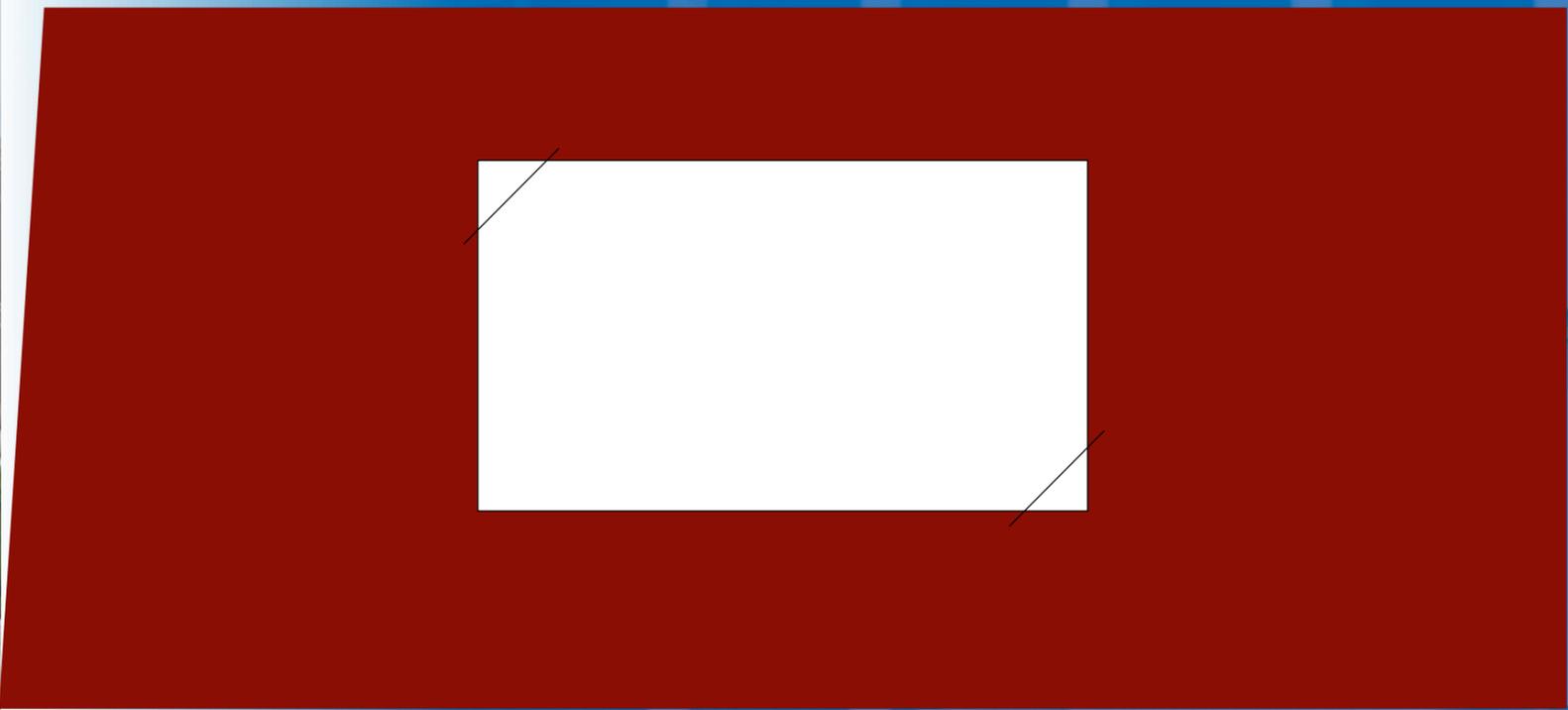
University of Michigan - Ross School of Business

“National Enclosure embraces the design assist approach... the majority of our projects have been design assist”

Paul Becks
Executive Vice President
National Enclosure Company



The OSU Chemical and Biomolecular Engineering and Chemistry Building





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A National Construction Enterprise
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