



EDUCATION

- Ohio University
 - Bachelor of Science, Civil Engineering, 2001
 - Master of Science, Civil Engineering, 2003

PRACTICE AREAS

- Building Enclosure Commissioning
- Construction Observation and Troubleshooting
- Facade Assessment
- Failure and Damage Investigation
- Peer Review and Commissioning
- Repair and Rehabilitation
- Roofing and Waterproofing
- Windows and Curtain Walls

REGISTRATIONS

- Professional Engineer in OH

PROFESSIONAL AFFILIATIONS

- National Institute of Building Sciences - Building Enclosure Council - Cleveland Chapter, board member

CONTACT

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EXPERIENCE

Michael Kotheimer specializes in the design, construction, and evaluation of a wide range of building enclosure systems, components, and materials. These include windows, stick-built and unitized curtain walls, and skylights; metal panels, terra cotta, masonry, and other types of rain screen cladding assemblies; architectural precast and mass masonry wall assemblies; EIFS; stucco; air barriers; and roofing and waterproofing. Since joining WJE in 2004, Mr. Kotheimer has gained extensive experience on a broad range of projects, including building enclosure assessments, design peer reviews, field testing, building enclosure commissioning, and failure investigations of new and existing structures.

REPRESENTATIVE PROJECTS

Construction Observation and Troubleshooting

- Huntington Federal Building - Huntington, WV: Construction period services and building enclosure field performance testing
- Mercy Health Anderson Hospital - Cincinnati, OH: Peer review, construction period services, and field performance testing
- Point Park University, Pittsburgh Playhouse - PA: Peer review and construction period services

Facade Assessment

- Bodas Residence - Moreland Hills, OH: Assessment of exterior enclosure for litigation support
- Buckeye Relief - Eastlake, OH: Assessment of hygrothermal performance of insulated precast concrete wall panels
- Corning C Building - Corning, NY: Assessment and water infiltration testing of 1950s-era curtain wall
- Englewood Civic Center - Englewood, CO: Assessment and water infiltration testing of existing curtain wall assemblies
- Huntington Tower - Akron, OH: Assessment of brick masonry, terra cotta, limestone and granite cladding

Failure and Damage Investigation

- Cedarmount Condominiums - Cleveland Heights, OH: Building enclosure failure investigation
- R.E. Jacobs Health Center - Avon, OH: Failure investigation of single-ply roof membrane assembly
- Large Medical Center - Northeast OH: Terra cotta rain screen failure investigation

Peer Review and Commissioning

- American Greetings Headquarters - Westlake, OH
- Carnegie Science Center Addition - Pittsburgh, PA
- Erie Insurance New Office Building - Erie, PA
- Harrisburg Federal Courthouse - PA
- UPMC East Hospital - Monroeville, PA

Repair and Rehabilitation

- King Community Learning Center - Akron, OH: Investigation, testing, and repair of deficient fluid-applied air barrier membrane
- Cleveland Museum of Art - OH: Condensation investigation of exterior gallery walls and repair design-assist services
- Hot Metal Flats - Pittsburgh, PA: Building enclosure repair design-assist services

Roofing and Waterproofing

- Ahuja Medical Center - Beachwood, OH: Roof failure investigation, replacement design, and construction period services
- University of Kentucky Research Building 2 - Lexington: Peer review and plaza waterproofing and roofing design-assist services

Windows and Curtain Walls

- A.J. Celebrezze Federal Building - Cleveland, OH: Building enclosure commissioning of a dual-skin facade comprised of new unitized curtain wall over the existing facade
- Corning Museum of Glass - Corning, NY: Construction period services and field performance testing of custom glass rain screen and skylight assemblies
- R.H. Jackson U.S. Courthouse - Buffalo, NY: Construction period services and building enclosure field performance testing