

Michael J. Scheffler | Principal and Director of Knowledge Sharing



EDUCATION

- Purdue University
 - Bachelor of Science, Civil Engineering, 1980

PRACTICE AREAS

- Stone Cladding and Paving
- Building Envelope Assessment
- Architectural Testing
- Coatings and Sealants
- Masonry
- Windows, Skylights, and Curtain Walls
- Historic Preservation

REGISTRATIONS

- Professional Engineer in IL and WI

PROFESSIONAL AFFILIATIONS

- ASTM International (ASTM)

TECHNICAL COMMITTEES

- ASTM C18 - Dimension Stone
- ASTM C24 - Building Seals and Sealants
- ASTM E06 - Performance of Buildings

CONTACT

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EXPERIENCE

Michael Scheffler has more than thirty years of experience investigating deterioration and distress in buildings and structures, including high-rise exterior facades of limestone, marble, granite, masonry, and terra cotta; glass and metal curtain walls; stone pavements; and fire-damaged structures. Many of these investigations were performed on historic buildings. Mr. Scheffler has extensive experience in the investigation and testing of distressed thin stone facades. His work also includes the development of construction documents for many of his projects. Mr. Scheffler performs laboratory and in situ testing of building assemblies related to stone material performance, structural performance, and water leakage. He has also performed long-term monitoring and instrumentation of distress on several types of structures.

Mr. Scheffler has given professional seminars on dimension stone, building envelope maintenance, repair, moisture, and thermal performance testing.

REPRESENTATIVE PROJECTS

- Minnesota State Capitol - St. Paul, MN: Investigation and repair design of exterior Georgia marble facade
- North Dakota State Capitol - Bismarck, ND: Investigation and repair design of exterior Indiana Limestone facade and interior marble
- Washington Monument - Washington, D.C.: Investigation and repair design of earthquake-damaged marble masonry construction
- Perry's Victory and International Peace Memorial - South Bass Island, OH: Investigation and repair recommendations for historic 350-foot-tall granite and concrete column
- Milwaukee City Hall - WI: Exterior envelope investigation of terra cotta, brick, sandstone, windows, and slate and copper roofing
- New York Public Library - New York, NY: Investigation and laboratory testing of marble facade

- Wisconsin State Capitol - Madison, WI: Investigation and repair design of exterior Bethel White granite facade
- Kansas State House - Topeka, KS: Investigation of failed stone facade elements
- Farwell Building - Chicago, IL: Peer review and observation of limestone and marble facade disassembly and reassembly
- One Union National Plaza - Little Rock, AR: Marble facade investigation and facade replacement design
- Amoco Building - Chicago, IL: Marble facade investigation and repair design
- Franklin Delano Roosevelt Memorial - Washington, D.C.: Stone consulting
- Idaho State Capitol - Boise, ID: Exterior investigation of sandstone and terra cotta exterior facade and dome; and repair design
- 1111 Fannin Street - Houston, TX: Investigation of exterior Carrara marble cladding and repair design
- 311 South Wacker Drive - Chicago, IL: Exterior investigation of granite veneer and repair design
- Minneapolis Institute of Art - MN: Stone material consulting and laboratory testing
- International Monetary Fund - Washington, D.C.: Laboratory stone testing
- United States Customs House - Chicago, IL: Exterior limestone facade investigation, repair design, and construction administration
- United States Post Office - Chicago, IL: Critical facade inspection; limestone and terra cotta
- LaSalle-Wacker Building - Chicago, IL: Facade inspection and repair design of exterior Indiana limestone facade
- Corning Tower - Albany, NY: Investigation and laboratory testing of marble facade
- Kennedy Center for the Performing Arts - Washington, D.C.: Investigation and repair design of exterior stone facade and plaza
- Valley Forge Triumphal Arch - PA: Peer review of repairs to historic granite masonry arch
- Whitney Museum of American Art - New York, NY: Repair design of dismantlement and reassembly of Pennsylvania Granite facade