PERSONNEL QUALIFICATIONS

Michael Bresler | Associate Principal

EDUCATION

- University of Oregon
  - Bachelor of Architecture, 1983

PRACTICE AREAS

- Difficult Access Inspections
- Facade Assessment
- Litigation Consulting
- Masonry Structures
- Repair and Rehabilitation Design
- Roofing and Waterproofing

REGISTRATIONS

- Architect in NJ

PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA)
- ASTM International
- New Jersey Society of Architects (AIA-NJ)

TECHNICAL COMMITTEES

- ASTM C12 - Mortars and Grouts for Unit Masonry
- ASTM D08 - Roofing and Waterproofing
- ASTM E06 - Performance of Buildings

CONTACT

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EXPERIENCE

Michael Bresler specializes in the investigation of buildings with various masonry, window, and waterproofing-related problems. Most of his projects have involved deterioration, distress, failure, or improper installation or design of building envelope components. Mr. Bresler has experience in the application of ASTM testing methods for the nondestructive investigation of masonry walls, windows, curtain walls, and roof systems to determine the cause of water leakage. Many of his projects have included repair design and construction document development, bidding period services, and construction observation services. He also has experience with insurance claim investigations and litigation consulting involving a wide variety of building envelope components.

Mr. Bresler is trained in difficult access techniques using controlled descent and rope methods to access facades and structures where typical methods are impractical. He has used these techniques to install movement and temperature data gathering devices to monitor the performance of large structures.

REPRESENTATIVE PROJECTS

Difficult Access Inspections

- Pennsylvania State Capitol - Harrisburg: Installation of crack movement and temperature monitors on interior surface of the capitol rotunda and data analysis

Facade Assessment

- Dockside Residences at Pier 30 - Philadelphia, PA: Water leakage investigation
- Oak Hill Plaza - King of Prussia, PA: Water leakage investigations and sealant replacement documents
- White Plains Public Safety Building - White Plains, NY: Water spray testing and repair design
- 410 Riverside Drive - New York, NY: Masonry inspection, construction documents, and construction observation
- 522, 526, and 530 West 112th Street - New York, NY: Masonry investigation, repair design, construction documents, and construction observation
- Deal Lake Tower - Asbury Park, NJ: Masonry investigation and construction documents

Litigation Consulting

- The Belmont - Hoboken, NJ: Exterior cladding and water leakage
- MW Manufacturers - Rocky Mount, NC: Alleged design defect in windows
- Woodbury Country Club - Woodbury, NY: Alleged storm damage
- Monmouth County Correctional - Freehold, NJ: Alleged design defect in masonry
- The Thread - Union City, NJ: Alleged design defects in windows

Roofing and Waterproofing

- 1330 Avenue of the Americas - New York, NY: Plaza waterproofing investigation, repair design, and construction documents
- Bergdorf Goodman - New York, NY: Sidewalk vault construction documents, peer review, and construction observation
- Commerce Square - Philadelphia, PA: Roofing and waterproofing investigation, repair design, and construction documents
- Philadelphia Museum of Art - PA: Roofing investigation and repair design