



EDUCATION

- Georgia Institute of Technology
 - Bachelor of Science, Civil Engineering, 2012
 - Master of Science, Civil Engineering, 2013

PRACTICE AREAS

- Facade Assessment
- EIFS, Stucco, Plaster
- Repair and Rehabilitation Design
- Leakage Investigation
- Construction Troubleshooting
- Capital Reserve Analysis

REGISTRATIONS

- Certified Infrared Thermographer
- Professional Engineer in FL, GA, LA, and NC

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Associated Builders and Contractors
- International Institute of Building Enclosure Consultants

CONTACT

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EXPERIENCE

Kirk Moss performs building envelope assessments including water intrusion investigations, facade evaluation and rehabilitation, and roofing and waterproofing inspections. He provides services on a wide range of new construction and repair projects, including low-to-high-rise condominiums, apartments, hotels, universities, and office buildings.

Mr. Moss is experienced in preparing construction documents, designing the repair and rehabilitation of building enclosure systems, and providing construction administration services for repair projects based on investigations and assessments. His work focuses on the investigation of many building types, including brick masonry, concrete masonry, stucco, EIFS, and metal panel cladding. Mr. Moss's work also includes prepurchase assessments, capital reserve analysis, and design peer review.

REPRESENTATIVE PROJECTS

Facade Assessment

- East Architecture Building - Atlanta, GA: Facade condition assessment of brick and glazed masonry
- One Atlantic Center - Atlanta, GA: Condition survey and construction period services for repairs of existing fifty-story granite facade building and balconies
- University of Georgia, Chemistry Building - Athens: Facade condition assessment of brick masonry and storefront systems

EIFS, Stucco, Plaster

- Villa Sonoma Condominiums - Atlanta, GA: Design repair and rehabilitation of stucco cladding; construction administration
- Thirty-Two Building Apartment Complex - Orlando, FL: Evaluation of stucco distress, repair design, and construction observation
- Tribute Lofts Condominiums - Atlanta, GA: Stucco facade water penetration testing, repair design, and construction administration services

Repair and Rehabilitation Design

- Lutheran Church of the Redeemer - Atlanta, GA: Evaluation of masonry distress, repair design, and construction observation
- Christ the Shepherd Lutheran Church - Alpharetta, GA: Investigation of EIFS cladding discoloration; cleaning trials and remediation recommendations
- National Civil Rights Museum - Memphis, TN: Evaluation of existing roof assembly and repair design
- University of North Carolina Student Housing - Charlotte: Condition assessment of newly installed building enclosure assembly and peer review of enclosure remediation documents
- Thirty-Story Office Building - Memphis, TN: Condition survey and construction period services of stabilization repairs to cast stone facade

Leakage Investigation

- Hyatt Midtown - Atlanta, GA: Condition survey and water leakage investigation of window and facade elements of mid-rise hotel building
- The Water Tower Stacks - Atlanta, GA: Water leakage assessment of brick veneer facade and aluminum-framed windows

Construction Troubleshooting

- Wheeler High School - Marietta, GA: Below-grade, fluid-applied waterproofing repairs
- Alpharetta City Center - Alpharetta, GA: Roof membrane flashing and cast stone coping repairs

Capital Reserve Analysis

- Lofts at the Park II Condominiums - Atlanta, GA
- Tuscany Condominiums - Atlanta, GA
- The Heights - Montgomery, AL