

### Kenrick J. Hartman | Senior Associate



#### EDUCATION

- The Pennsylvania State University
  - Bachelor of Science, Civil Engineering, 2008
  - Master of Science, Architectural Engineering, 2010

#### PRACTICE AREAS

- Roofing and Waterproofing
- Facade Assessment
- Curtain Wall Systems
- Water Penetration Testing
- Masonry
- Failure/Damage Investigations
- Repair and Rehabilitation Design
- Structural Evaluation

#### REGISTRATIONS

- LEED Accredited Professional
- Registered Exterior Walls Consultant
- Registered Roof Consultant
- Registered Waterproofing Consultant
- Professional Engineer in NY

#### PROFESSIONAL AFFILIATIONS

- Green Roofs for Healthy Cities
- IIBEC
- United States Green Building Council (USGBC)

#### CONTACT

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#### EXPERIENCE

Kenrick Hartman specializes in the evaluation and repair of building envelope systems. He has experience with a variety of materials including terra cotta, brick, concrete, steel, glass, and various roofing and waterproofing products. Mr. Hartman performs field testing, moisture infiltration investigations, facade evaluations, and repair design for modern and historic structures.

Mr. Hartman has managed projects related to the investigation of roofing, waterproofing, and facade systems as well as construction period related services for multi-million-dollar repair and renovation projects. He has authored many papers on topics related to his areas of practice and has been featured as a speaker at several industry leading events.

During his time at The Pennsylvania State University, Mr. Hartman was awarded the J. Borda Fellowship, the CER Fellowship, and research and teaching assistantships. While there, he developed innovative testing protocols and evaluated multiple glass storefront and curtain wall systems and their framing-to-structure connections for life-safety and serviceability limit states. His work has been featured in many publications, including conference proceedings and industry and government -sponsored reports.

#### REPRESENTATIVE PROJECTS

##### Roofing and Waterproofing

- Columbia University Manhattanville Development - New York, NY: Roofing and waterproofing consulting and construction period services
- National September 11 Memorial and Museum - New York, NY: Construction period services and supplemental design for plaza, pools, and slurry wall waterproofing
- Spring Creek Towers - Brooklyn, NY: International Institute of Building Enclosure Consultants Assessment and repair of roofs for forty-six high-rise residential towers
- World Trade Center PATH Station - New York, NY: Observation of waterproofing installation and supplemental design services
- One Lafayette Place - Greenwich, CT: Plaza waterproofing and concrete repair design for existing plaza and parking garage
- New York Life - Westchester, NY: Evaluation and repair design of existing plaza system

- SUNY Downstate Hospital - Brooklyn, NY: Condition assessment of multiple roofs, and development of roof repairs and maintenance protocols
- 1010 Fifth Avenue - New York, NY: Assessment of existing roof assembly and repair design
- Taino Towers - New York, NY: Design of new roofing systems for four high-rise residential towers

##### Facade Assessment

- 745 Fifth Avenue - New York, NY: Evaluation of masonry facade and repair development
- One Lafayette Place - Greenwich, CT: Evaluation of existing masonry facade and repair development
- New York City Department of Education - Multiple Locations: Facade assessment and repair design for masonry, metal clad, and curtain wall facade systems
- 345 East Ninety-Third Street - New York, NY: Diagnosis of water infiltration on high-rise residential structure
- 170 East End Avenue - New York, NY: Testing of plaza, roofing, and facade systems to identify and rectify water leaks

##### Failure/Damage Investigations

- New York Public Library (Main Branch) - New York, NY: Investigation of plaster failure at the Rose Main Reading Room ceiling and repair development
- Ortho Clinical Diagnostics - Raritan, NJ: Investigation of failed stucco facade
- Carlyle Hotel - New York, NY: Investigation and restoration of damaged terra cotta cornice and brick masonry facade
- 300 East Eighty-Fifth Street - New York, NY: Investigation of broken window glazing

##### Structural Evaluation

- Jacob K. Javits Convention Center - New York, NY: Installation of vibration and displacement sensors to monitor movement of roof structure
- 301 East 64th Street - New York, NY: Structural evaluation and design of concrete slab repairs