



#### PRACTICE AREAS

- Facade Assessment
- Failure Investigation
- Nondestructive Evaluation
- Leakage Investigation
- Prepurchase Surveys
- Repair and Rehabilitation Design
- Roofing and Waterproofing

#### REGISTRATIONS

- Registered Roof Consultant
- Registered Roof Observer

#### PROFESSIONAL AFFILIATIONS

- RCI, Inc. - Metro New York Chapter, founding member and president
- U.S. Green Building Council - New York Chapter

#### CONTACT

jtorres@wje.com  
212.760.2540  
www.wje.com

#### EXPERIENCE

Jesse Torres joined WJE in 2007 and is primarily experienced in the investigation and rehabilitation of roofing and waterproofing systems. Prior to joining WJE, Mr. Torres worked for NTH Consultants, Ltd., a multidisciplinary engineering firm in Exton, Pennsylvania, and with Systematic Roofing Analysis, Inc., a roof consulting firm in West Lawn, Pennsylvania. He has more than twenty years of experience in roofing and waterproofing projects, including condition surveys, core sampling, roof moisture surveys, construction document preparation, and construction administration services. Mr. Torres has experience with all major low- and steep-slope roofing systems, including built-up roofing, single-ply membrane, modified bitumen, liquid-applied, polyurethane foam, sheet metal, asphalt shingle, and slate shingle.

In addition to investigations and rehabilitation, Mr. Torres has developed database programs, designed and written program manuals, and codeveloped and managed the roofing database for telecommunications and pharmaceutical companies.

#### REPRESENTATIVE PROJECTS

##### Roofing and Waterproofing

- World Trade Center and Museum - New York, NY: Construction observation and design for plaza, pools, and slurry wall waterproofing
- Columbia University Manhattanville - New York, NY: Design for plaza waterproofing and multiple roofs
- 450 Lexington Avenue - New York, NY: Roof replacement construction documents
- 2 Park Ave - New York, NY: Roof replacement construction documents
- Luma Hotel, 120 West 41st Street - New York, NY - Shower waterproofing design and integrity testing
- ESPN Campus - Bristol, CT: Wind uplift testing of existing roofs to meet insurance requirements
- U.S. Embassy - Mexico City, Mexico: Roof and waterproofing design for roofs and plaza

##### Failure Investigation

- John F. Kennedy International Airport - New York, NY: Investigation of cause and extent of wind loss damage to roof
- 21 Mercer Street - New York, NY: Investigation of cause and extent of water damage to residences
- Federal Reserve Bank - New York, NY: Investigation of paver pedestal system failure

##### Nondestructive Evaluation

- 44 and 60 Newmans Court - Hempstead, NY: Infrared and evaluation of roof and flashing system
- Aetna Insurance - Cranford, NJ: Evaluation and nuclear moisture survey; construction documents for roof replacement at corporate headquarters in Hartford, CT; and regional facility in Blue Bell, PA\*

##### Leakage Investigation

- The Metropolitan Museum of Art - New York, NY: Leak investigations for multiple roof and building envelope locations throughout facility
- The Breuer Building (formerly Whitney Museum): Leak investigations for roof and building envelope locations throughout facility

##### Repair and Rehabilitation Design

- Whitney Museum - New York, NY: Roof replacement construction documents
- Terrence Cardinal Cooke Health Care Center: New York, NY: Roof replacement construction documents for low-slope and steep-slope clay tile roofs

##### Facade Assessment

- Royalton Hotel - New York, NY: Due diligence evaluation
- REIT Management, 1525 Locust Street - Philadelphia, PA: Evaluation and repair documentation of window system rehabilitation\*

\* Indicates with previous firms