



PERSONNEL QUALIFICATIONS

Jesse Torres | Associate Principal



PRACTICE AREAS

- Building Envelope Assessment and Consulting
- New Construction Consulting
- Repair and Rehabilitation Design
- Failure Investigation
- Nondestructive Evaluation
- Vegetative Roofs
- Leakage Investigation
- Facade Assessment
- Prepurchase Surveys
- Roofing
- Plazas and Terrace Waterproofing
- Water/Air Leakage Assessment

REGISTRATIONS

- Registered Roof Consultant
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- International Institute of Building Enclosure Consultants (IIBEC) - Metro New York Chapter, founding member
- US Green Building Council (USGBC) - New York Chapter

TECHINICAL COMMITTEES

- IIBEC - Advocacy Committee
- IIBEC - Diversity and Inclusion
- IIBEC - Local and State Advocacy, chair

CONTACT

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EXPERIENCE

Jesse Torres is a building envelope consultant with a specialization in roofing and waterproofing consulting. Since joining WJE in 2007, he has provided professional services, primarily in the investigation and rehabilitation of building envelope systems. Before joining WJE, Mr. Torres worked for a multidisciplinary engineering firm in Exton, PA and with a roof consulting firm in West Lawn, PA. Mr. Torres has more than thirty years of experience and has provided building envelope consulting services to architects, contractors, and owners for new construction projects, as well as design and construction period services for several repair and rehabilitation projects. He possesses expertise 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 co-developed and managed the roofing databases for telecommunications and pharmaceutical companies.

REPRESENTATIVE PROJECTS

New Construction Consulting

- World Trade Center Memorial and Museum - New York, NY: Waterproofing design for plaza, pools, and slurry wall waterproofing
- Hudson Yards - New York, NY: Roof and waterproofing design and consulting for various buildings
- Columbia University Manhattanville - New York, NY: Design for plaza waterproofing and multiple roofs
- Luma Hotel - New York, NY - Shower waterproofing design and integrity testing
- High-End Residential Homes - CA, CT, MA, NC, NJ, and NY: Building envelope consulting

Repair and Rehabilitation Design

- 1251 Avenue of the Americas - New York, NY: Paver and roof design for main roof
- Breuer Building (formerly 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
- 450 Lexington Avenue - New York, NY: Roof replacement construction documents
- 2 Park Avenue - New York, NY: Roof replacement construction documents
- Northwell Health, Phelps Hospital - Sleepy Hollow, NY - Masonry repairs and roof replacement design

Failure Investigation

- John F. Kennedy International Airport - New York, NY: Investigation of cause and extent of wind loss damage to roof
- Federal Reserve Bank - New York, NY: Investigation of paver pedestal system failure
- 50 United Nations Plaza - New York, NY: Investigation of shower failures
- 360 East 89th St, New York, NY: Investigation of shower failures

Nondestructive Evaluation

- 44 and 60 Newmans Court - Hempstead, NY: Infrared and evaluation of roof and flashing system

Leakage Investigation

- Metropolitan Museum of Art - New York, NY: Leakage investigations for multiple roof and building envelope locations
- Breuer Building (formerly Whitney Museum): Leakage investigations for multiple roof and building envelope locations
- American Museum of Natural History - New York, NY: Leakage investigations for multiple roof and building envelope locations
- Museum of Jewish Heritage - New York, NY: Leakage investigations for multiple roof and building envelope locations
- 19 Dutch Street - New York, NY: Leakage investigations for tuned liquid column dampers

Facade Assessment

- Royalton Hotel - New York, NY: Due diligence evaluation