

Jesse Torres | Associate Principal



PRACTICE AREAS

- Roofing and Waterproofing
- Failure Investigation
- Nondestructive Evaluation
- Vegetative Roofs
- Leakage Investigation
- Prepurchase Surveys
- Repair and Rehabilitation Design
- Facade Assessment
- 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 and president
- U.S. Green Building Council - New York Chapter

COMMITTEES

- IIBEC
 - Nominating Committee
 - Advocacy Committee
 - Local and State Advocacy, chair
 - Diversity and Inclusion Task Force

CONTACT

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EXPERIENCE

Since joining WJE in 2007, Jesse Torres has provided professional services primarily in the investigation and rehabilitation of building envelope systems. Prior to joining WJE, he worked for a multidisciplinary engineering firm in Exton, Pennsylvania, and with a roof consulting firm in West Lawn, Pennsylvania. Mr. Torres has more than twenty-five years of experience 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 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 databases 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: Roof and waterproofing design for roofs and plaza
- Phelps Hospital - Sleepy Hollow, NY: 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

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

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