



Christopher Lipp ^{PE}

Director, Engineering

Department
Engineering

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Locations
Atlanta, GA

Biography

Mr. Christopher Lipp has performed forensic investigations and designed repairs for damaged and deficient building envelope components. Mr. Lipp's experience includes the evaluation of distressed facade elements, including windows, doors, curtain walls, storefront systems, stucco, brick and fiber cement panels on both historic and new construction. Christopher has designed, tested and certified new fenestration products to both American Architectural Manufacturers Association guidelines and Miami-Dade Notice of Approval standards. This expertise has allowed Mr. Lipp to become qualified as an Expert Witness regarding building envelope components and water intrusion issues. Mr. Lipp has also served as a Task Group member, providing guidance to a University of Florida research group advising the Florida Building Commission on water intrusion issues into high rise buildings during wind driven rain events. Since 2005, Christopher has also evaluated large commercial buildings after hurricane, hail and tornado events throughout the Gulf Coast, including Hurricane Katrina in Mississippi, Hurricane Irma in Florida and Hurricane Ida in Louisiana. Mr. Lipp has developed and presented a national webinar regarding the evaluation of storm damage, regional presentations on assessing fenestration elements to the International Institute of Building Envelope Consultants (IIBEC) and local presentations on building envelope repairs to the Associated Builders and Contractors (ABC), Georgia Chapter.

Education

- University of Florida | Gainesville
Bachelor of Science - Civil Engineering

Professional Experience

- 2022 - 2023 | Senior Managing Engineer | YA Engineering Services
- 2013 - 2022 | Senior Associate | Wiss, Janney, Elstner Associates Inc.
- 2010 - 2013 | Product Design Engineer | Kawneer North America
- 2004 - 2008 | Associate II | Wiss, Janney, Elstner Associates Inc.
- 2003 - 2004 | Project Engineer | Structural Preservation Systems, Inc.
- 2023 - Current | Director, Engineering | YA Engineering Services

Areas of Practice

- Building Envelope
- Condition Assessment
- Construction Administration
- Damage Assessment
- Historic Preservation
- Infrared Thermography
- Litigation Support
- Non-Destructive Testing
- Repair and Rehabilitation Design
- Water Leakage Testing and Analysis

Representative Consulting Assignments

- Crystal House Condominiums
Miami, FL | Evaluation of hurricane damage to windows and doors
- Grove Towers Condominiums
Miami, FL | Evaluation of hurricane damage to windows and doors
- American Welding Society Headquarters
Miami, FL | Evaluation of hurricane damage to roofing, exterior facades, windows and doors
- Hurricane Katrina Inspections
Bay St. Louis, MS | Evaluation of hurricane damage to parking structures and commercial and residential buildings
- LSU Stadium
Baton Rouge, LA | Water leakage investigation and waterproofing repairs
- Multiple Structures
Greater New Orleans Area | Lead a team of engineers investigating 70 buildings in the New Orleans area for storm damage after Hurricane Ida
- Daytona Beach Resort and Conference Center
Daytona Beach, FL | Evaluation of hurricane damage to windows, doors, balconies, and seawall
- Public School Buildings
Mississippi | Evaluation of 18 school properties for hailstorm damage to roofs, facades and windows
- Bella Luna Condominium
Orange Beach, AL | Evaluation of hurricane damage to windows and doors

Affiliations

- FGIA - Fenestration and Glazing Industry Alliance
- ASTM International

Credentials

- PE | Professional Engineer

Licenses

- Alabama | 32771 | Professional Engineer
- Florida | 93880 | Professional Engineer
- Louisiana | 46679 | Professional Engineer