CHRISTOPHER LIPP

Director, Engineering
PE

PHONE
(678) 350-3260

EMAIL
christopher.lipp@yagroup.com

LOCATION
Atlanta, GA

BIOGRAPHY

Christopher Lipp has performed forensic investigations and designed repairs for damaged and deficient building envelope components. His 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. He is qualified as an expert witness regarding building envelope components and water intrusion issues. He 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 Hurricanes Katrina, Irma, and Ida. He 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.

CREDENTIALS

- **PE** | Professional Engineer

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

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

PRACTICES & SKILLSETS

- Condition Assessment
- Construction Administration
- Historic Preservation
- Infrared Thermography
- Water Leakage Testing and Analysis

EDUCATION

- University of Florida - Bachelor of Science (BS) - Civil Engineering - Gainesville

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AFFILIATIONS

- FGIA - Fenestration and Glazing Industry Alliance
- ASTM International

LICENSES

- Professional Engineer (PE) - Alabama - License #32771
- Professional Engineer (PE) - Florida - License #93880
- Professional Engineer (PE) - Louisiana - License #46679
- Professional Engineer (PE) - Georgia - License #51561

SERVICE SPECIALTIES

- **Forensic Engineering & Architecture** | Architecture & Building Envelope, Forensics, Laboratory & Testing, Forensic Engineering – Litigation Support and Expert Witness, Building Envelope, Construction Defect Investigations, Design & Code Review, Structural Failure & Damage Investigations

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