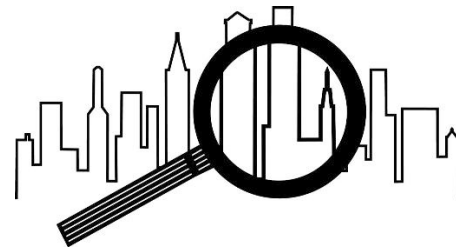


Edward S. Breeze, P.E.
Principal



Engineering Diagnostics
"The Durability Experts"



Career Summary

Mr. Breeze served as a Project Engineer at Heitmann and Associates in St. Louis, Missouri from 1988 to 1991. Mr. Breeze was a Project Engineer for the Houston office of Law Engineering before joining Engineering Diagnostics (a division of Building Diagnostics, Inc.) in 1995. He has worked on numerous projects related to exterior walls and structural systems of buildings, including high-rise projects in both the United States and the Far East.

Mr. Breeze specializes in the following areas of analysis of existing facilities:

- Exterior Wall Systems** Structural, aesthetic, and weatherproofing performance of window and wall systems.
 - Materials Analysis** Evaluation of in-place and proposed building materials for performance and compatibility requirements.
 - Condition Assessment** Assessment of structural systems and building envelope components for budget forecasting and due diligence.
 - Structural Engineering** Analysis, design, and alteration of building structural systems.
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Representative Projects

- Commercial**
 - 3-Story Corporate headquarters Phoenix, Arizona
Remedial waterproofing design for challenging details that had defied repair
 - 55-Story Commercial Office Houston, Texas
Remedial design and monitoring of waterproofing, garage repairs, dock ramp repairs, roof replacement, and terrace deck waterproofing. Stone cladding study.
 - 51-Story Commercial Office Houston, Texas
Remedial waterproofing design and monitoring.
 - 76-Story Commercial Office Seattle, Washington
Condition assessment ("due diligence") surveys in 1999 and 2006.
 - 13-, 19- & 34-Story Complex Metairie, Louisiana
Design and monitoring of building envelope and structural repairs for buildings and garages following Hurricane Katrina.
- Garage**
 - 9-Story Steel Garage Houston, Texas
Remedial waterproofing and structural repair design and monitoring
 - 4-Story Precast Concrete Garage Plano, Texas
Forensic evaluation of construction defects and structural failure

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Retail	<u>Office Warehouse</u>	Houston, Texas
	Precast concrete tilt-wall panel settling study, design, and monitoring	
Educational	<u>Rice University</u>	Houston, Texas
	Masonry remedy on central plant chimney	
	<u>University of St. Thomas</u>	Houston, Texas
	Steel and concrete breezeway waterproofing and structural repair design and monitoring	
Hospitality	<u>368-Room Hotel</u>	College Station, Texas
	Remedial waterproofing and cladding renovation design and monitoring	
	<u>Sports Facility</u>	Lubbock, Texas
	Forensic investigation of structural defects that required closing the facility	
Residential	<u>15-Story Condominium</u>	Galveston, Texas
	Study, design and monitoring of building envelope repairs, and forensic investigation	
	<u>3-Story Private Residence</u>	La Porte, Texas
	Remedial design and monitoring of façade replacement	

Education and Registrations

The University of Texas at Austin

Bachelor of Science in Architectural Engineering 1988

Registered Professional Engineer

Texas License Number 84587 1999

Louisiana License Number 31463 2004

Professional Memberships

Glass Association of North America

ASTM International (formerly the American Society for Testing and Materials):

Chairman, Subcommittee C24.73 on Gaskets and Compression Seals

Vice Chairman, Committee C24 on Building Seals and Sealants

Member, Committee D08 on Roofing and Waterproofing

Publications

“Cleaning Silicone Residue From Glass” (with Jerry Klosowski and David Nicastro)

Journal of ASTM International (JAI), from Third Symposium on Durability of Building and Construction Sealants and Adhesives, ASTM 2008



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