

PROFESSIONAL PROFILE

Matthew Pritzl, P.E.

Forensic Engineer

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Based Out Of: **Wisconsin**

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BIOGRAPHY

Matthew Pritzl joined Donan in 2011 as a forensic engineer based out of the firm's Milwaukee office. He has 10 years of engineering experience and has completed over 800 forensic investigations. Mr. Pritzl's previous work experience involved the evaluation, design and inspection of facade repair projects; the design and analysis of concrete and steel structures; construction engineering for the Wisconsin Department of Transportation; and the design and analysis of bridges. For his thesis, Mr. Pritzl researched and evaluated corrosion prevention and control methods for reinforced concrete bridges. Mr. Pritzl's areas of expertise are concrete and building science, and he commonly conducts investigations in the following areas: wind and hail damage to roofs, water intrusion, structure failures, structural damage, and construction vibration, among other areas.

Mr. Pritzl is a licensed professional engineer in the following states: Florida, Illinois, Indiana, Iowa, Louisiana, Michigan, Minnesota, North Carolina, Pennsylvania, South Carolina and Wisconsin. He is a LEED Green Associate, and CertainTeed Master Shingle Applicator Wizard and Shingle Quality Specialist. He holds Bachelor of Science degrees in Architectural Studies and Civil Engineering, as well as a Master of Science degree in Engineering, all from the University of Wisconsin – Milwaukee.

REPRESENTATIVE EXPERTISE

Building Science
Concrete
Construction

PROJECT EXAMPLES

Wind/Hail Damage to Roof Coverings
Water Intrusion
Structure Failures
Structural Damage
Construction Vibrations

AFFILIATIONS

American Society of Civil Engineers
Tau Beta Pi

CERTIFICATIONS & LICENSES

Professional Engineer, Florida
Professional Engineer, Illinois
Professional Engineer, Indiana
Professional Engineer, Iowa
Professional Engineer, Louisiana
Professional Engineer, Michigan
Professional Engineer, Minnesota
Professional Engineer, North Carolina
Professional Engineer, Pennsylvania
Professional Engineer, South Carolina
Professional Engineer, Wisconsin
CertainTeed Master Shingle Applicator Wizard
CertainTeed Shingle Quality Specialist
LEED Green Associate

EDUCATION

2008	University of Wisconsin - Milwaukee Master of Science, Civil Engineering-Structures
2005	University of Wisconsin - Milwaukee Bachelor of Science, Civil Engineering
2003	University of Wisconsin - Milwaukee Bachelor of Science, Architectural Studies

RELEVANT EXPERIENCE

2011- Present	DONAN Milwaukee, Wisconsin Forensic Engineer
2009-2011	Michael Baker Jr., Inc. Madison, Wisconsin Structural Engineer
2008-2009	Computerized Structural Design Milwaukee, Wisconsin Structural Engineer
2006-2007	University of Wisconsin - Milwaukee Milwaukee, Wisconsin Research/Project Assistant
2005-2008	Inspec, Inc. Milwaukee, Wisconsin Project Manager
2004	CGC, Inc. West Allis, Wisconsin Field and Laboratory Technician
2003-2005	Auer Steel and Heating Supply Co. Milwaukee, Wisconsin Assistant Engineer

PUBLICATIONS

- Pritzl, Matthew D., et al, “Long-term Chloride Profiles in Bridge Decks Treated with Penetrating Sealer or Corrosion Inhibitors,” Construction and Building Materials, Volume 101, Part 1, 30 December 2015, pp 1037-1046.
- Pritzl, Matthew D., et al, “Laboratory Assessment of Select Methods of Corrosion Control and Repair in Reinforced Concrete Bridges,” International Journal of Corrosion, vol. 2014, Article ID 175094, 11 pages, 2014.
- Pritzl, Matthew D., et al, “Laboratory Evaluation of Select Methods of Corrosion Prevention in Reinforced Concrete Bridges,” International Journal of Concrete Structures and Materials, September 2014, Volume 8, Issue 3, pp 201-212.