

ROBERT C. HAUKOHL, P.E.

Senior Engineer



+CONTACT

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Robert Haukohl has over 25 years of experience in the investigation and repair design of a wide range of building enclosure issues with a specialization in masonry facade distress evaluation and remediation. His forensic experience includes providing litigation support services on a variety of building performance-related problems and collapses.

Mr. Haukohl has conducted investigations of water infiltration problems through building facades, window systems, and roofing components. His investigative projects typically include condition surveys, water tests, crack mapping, use of destructive and sounding methods, load testing, and component integrity evaluation. He is accomplished in all phases of repair design and construction administration, from development of drawing and specification packages, on-site observation of construction, review of submittals, and close coordination with contractors for the implementation of quality assurance programs.

He has provided litigation support services in the areas of job history reconstruction, document reviews, construction delay claims, cause/fault determination, and authored opinions for depositions.

Mr. Haukohl has leading industry knowledge and expertise in many building materials and systems with emphasis on masonry and other exterior cladding systems. He is currently active on the Board of Directors of The Masonry Society and has chaired the Existing Masonry Committee since 2012.

■ EDUCATION

Master of Science in Engineering Mechanics, 1992
 University of Wisconsin

Bachelor of Science in Engineering Mechanics, 1991
 University of Wisconsin

Additional Courses in Steel Design, Concrete Design,
 and Soil Mechanics
 University of Illinois at Chicago

■ REGISTRATIONS | CERTIFICATIONS

Licensed Professional Engineer in Illinois
 Construction Documents Technologist (CDT)

■ PROFESSIONAL AFFILIATIONS

The Masonry Society (TMS)
 Board of Directors
 The Existing Masonry Committee, Chairman
 Technical Activities Committee, Member
 Construction Practices Committee, Member

Construction Specifications Institute (CSI)
 Northern Illinois Chapter, Member



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■ PUBLICATIONS

- "The Curious Case of Pour 1B: Investigation of Concrete Strength and Durability Issues," R.C. Haukohl and C.P. Rueb, *The Construction Specifier*, September 2018
- "Failure to Communicate: Risks of Independently Retained Design Professionals," Proceedings of the 6th Congress on Forensic Engineering, R.C. Haukohl and W.J. Macicak, San Francisco, CA, November 2012
- "Guide for Condensation Assessment of Masonry Facades," The Masonry Society Existing Masonry Committee (TMS 1700-12), October 2012
- "The Gap Between the Wythes, and Masonry Wall Type Distinctions," *TMS Responds, Vol. 9, No. 1*, June 2010
- "Terra Cotta Facade Repairs on Two Mellon Center," Proceedings of the Tenth North American Masonry Conference, St. Louis, MO, R.C. Haukohl, G.R. Mulholland, and K.R. Hoigard, June 2007
- "Tips for Reducing Ice Damming," *RRJ Insight*, Issue No. 21, May 2005
- "Terra Cotta Facades," *Building Facade Maintenance, Repair, and Inspection*, ASTM STP1444, J. L. Erdly and T. A. Schwartz, Eds., ASTM International, West Conshohocken, PA, pp. 75-90, K.R. Hoigard, G.R. Mulholland, and R.C. Haukohl, 2004

■ PRESENTATIONS

- "Adhered Masonry Veneer Systems: Old Problems and New Challenges," The Masonry Society Annual Meeting, San Diego, CA, November 2017
- "What Could Possibly Go Wrong? Why Problems Arise on Construction Projects and the Process of Sorting It Out," Wisconsin Defense Council Spring Conference, Kohler, WI, R.C. Haukohl and W.J. Macicak, April 21, 2016
- "Condition Assessment of Masonry Facades," American Society of Civil Engineers (ASCE) Structures Congress, Boston, MA, April 2014
- "Evaluation of Terra Cotta Facades," American Society of Civil Engineers (ASCE) Structures Congress, Chicago, IL, March 2012
- "Failure to Communicate: Risks of Independently Retained Design Professionals," 6th Congress on Forensic Engineering, San Francisco, CA, R.C. Haukohl, and W.J. Macicak, November 2012
- "Terra Cotta Facade Repairs on Two Mellon Center," Tenth North American Masonry Conference, St. Louis, MO, R.C. Haukohl, G.R. Mulholland, and K.R. Hoigard, June 2007
- "Investigation and Repair of Terra Cotta Facades," The Masonry Society Annual Meeting, Atlanta, GA, K.R. Hoigard, G.R. Mulholland, and R.C. Haukohl, October 2006
- "Terra Cotta Facades," California Polytechnic State University, The Hearst Lecture Series, San Luis Obispo, CA, K.R. Hoigard, G.R. Mulholland, and R.C. Haukohl, May 4, 2006
- "Terra Cotta Facades," The Masonry Society Annual Meeting, Cincinnati, OH, K.R. Hoigard, G.R. Mulholland, and R.C. Haukohl, October 2005
- "Terra Cotta Facades," Symposium on Building Facade Maintenance, Repair, and Inspection, ASTM STP 1444, ASTM International, Norfolk, VA, K.R. Hoigard, G.R. Mulholland, and R.C. Haukohl, 2002