



LANDMARKS ILLINOIS & IMI ANNUAL HISTORIC PRESERVATION EVENT

MORTARS FOR REPOINTING HISTORIC MASONRY



Thursday, February 15, 2024

WHO:

Landmarks Illinois Stakeholders, Preservationists, Architects, Engineers, Owners, Developers, Property Managers General Contractors, BAC Signatory Contractors, Gov't Officials.

WHEN:

Thursday, February 15, 2024

8:30 a.m. - 1:30 p.m. (Central Standard Time)

NOTE: please log in 5 minutes prior for an 8:30 a.m. start.

WHERE:

Held virtually via webinar using Zoom.

COST:

The cost to attend this event is COMPLIMENTARY.

CONTINUING EDUCATION:

This program (pending approval) is intended to meet AIA/CES requirements to qualify for 4.5 continuing education credits. LU/HSW credits have been applied for.



QUESTIONS:

Jeff Diqui, jdiqui@imiweb.org or (630) 606-8220

SCHEDULE:

- 8:30 - 8:35: Welcome**
- 8:35 - 8:40: Opening Remarks**
Bonnie McDonald, President & CEO, Landmarks Illinois
- 8:40 - 8:45: Opening Remarks**
Mike Volpentesta, President, Bricklayers & Allied Craftworkers, ADC 1 of IL
- 8:45 - 9:00: Presentation: Historic Masonry Preservation Certificate Program**
Jeff Diqui, Technical Director, IMI
- 9:00 - 10:30: Presentation: Specifying Mortars for Repointing Historic Masonry**
Casey Weisdock, Technical Director, IMI
- 10:30 - 11:30: Video Demonstrations: Mortar**
 - Mortar raw materials, replication mixes, slaking
 - Managing moisture and color of mortar
 - Installation methods of mortar
 - Curing practices of mortar
- 11:30 - 12:00: Break**
- 12:00 - 1:30: Presentations: Historic Masonry Restoration Project Case Studies**
Greg Maxwell, Architect, Harboe Architects
Eric Dexter, Vice President, Berglund Construction
Frank Grice, Superintendent, Berglund Construction

REGISTRATION (Zoom):

For online registration, click or visit: <https://bit.ly/4apTFGA>

PROGRAM DESCRIPTION: Mortars for Repointing Historic Masonry

Historic masonry buildings can last for centuries if maintained appropriately. One of the most common maintenance items required is repointing open or defective mortar joints. Selecting an appropriate mortar for the type of unit masonry and wall construction for a project is critical. If a mortar used for repointing is too hard and too dense, rapid deterioration of the masonry unit can ensue, especially in the case of softer historic and weathered stone, brick, and other masonry materials.

Review what to consider when specifying a mortar for repointing. Learn about mortar history, sampling, testing, and data analysis. We'll also discuss the material properties of non-hydraulic and hydraulic binders, aggregates, and historically appropriate additives. Compare modern mortar mixes to historically accurate mortar materials and mixes to help determine when these mortar types are appropriate to use for historic masonry buildings. Additionally, study examples of good and poor workmanship to help you identify an appropriate and durable installation.

You'll have the opportunity to learn from an International Masonry Training and Education Foundation (IMTEF) instructor with years of field experience as a craftworker with the Bricklayers & Allied Craftworkers (BAC). Through guided video demonstrations, you'll learn best practices related to mortar moisture content, installation methods, and curing. This will highlight the importance of engaging qualified craftworkers that have the necessary training and skills for masonry restoration projects.

A preservation consultant and masonry restoration contractor will share case studies and lessons learned on building assessment, materials analysis and selection, restoration methodology, design and construction decisions, and more.

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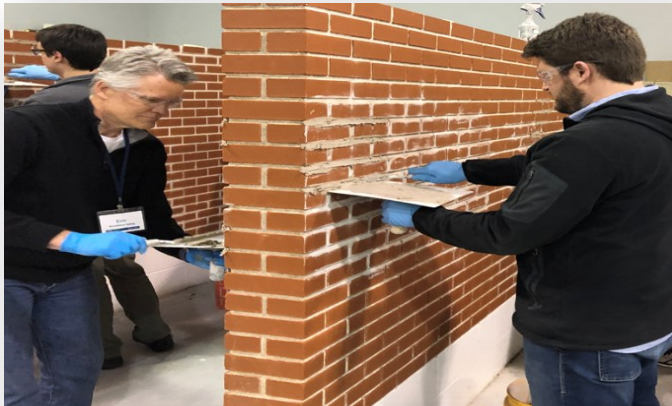
PRESENTER BIO'S:

Casey Weisdock, is a Technical Director with the International Masonry Institute (IMI) and an architectural conservator whose professional experience spans preservation design, project management, and contracting/implementation. She is a graduate of Temple University and the University of Pennsylvania. Previously, Casey served as an architectural conservator and site manager, focused primarily on the preservation of historic structures through research of traditional materials, and implementation of traditional repair methods and contemporary restoration techniques.

Greg Maxwell, is an Architect at Harboe Architects and earned his undergraduate degree at the New Jersey Institute of Technology and a Masters of Science in Historic Preservation from University of Pennsylvania Stuart Weitzman School of Design, with honors. Greg worked as a Research Fellow at the Center for Architectural Conservation and has been named a John G. Thorpe Fellow by the Frank Lloyd Wright Building Conservancy. Greg has been involved with numerous historically significant projects during his time at Harboe Architects.

Eric Dexter, is a Vice President at Berglund Construction and a graduate of the Illinois Institute of Technology College of Architecture. Eric has been at Berglund Construction for 13 years and focused on restoration and historic preservation projects. His responsibilities include the oversight of projects, preconstruction and operations. Eric serves on the Landmarks Illinois board of Directors and is an active member of its young professionals committee, the Skyline Council.

Frank Grice, is a Superintendent at Berglund Construction and a union Tuckpointer with 25 years of experience and knowledge. Frank has supervised numerous historic masonry and restoration projects, both in Chicago and throughout the Midwest. Frank is responsible for the overall project quality, self-



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