

# Agenda

Presented by Pat Conway

## Codes and Guidelines for Masonry Veneers

- International Building Code
- International Residential Code
- TMS 402/602 Building Code Requirements and Specification for Masonry Structures
- ASTM standards
- Industry resources

## Masonry Veneer Options, Benefits, Challenges, Assemblies, and Function

- Residential and commercial
- Anchored and adhered veneer
- Moisture, air, vapor, thermal control layers

## Moisture Management for Masonry Veneers

- Controlling moisture from bottom, top, exterior, interior
- Mechanical function of wall cavity drainage and ventilation
- Continuity of control strategies for: bulk moisture, air leakage, vapor diffusion
- Overview of key building enclosure interface details

## Movement Control Strategies for Masonry Veneers

- Review basics of unique masonry material and assembly movement
- Guidelines for controlling differential movement
- Case studies of veneer movement joint placement strategies

## Masonry Veneer Troubleshooting

- Showcase of masonry issues from the field
- Moisture, cracks, staining, spalling, displacement, etc.

## Masonry Veneer Maintenance and Repair

- Insights into major and minor veneer restoration
- Tuckpointing, cleaning, sealing, replacement

## Masonry Veneer Design and Construction

Live, Interactive Webinar - Thursday, November 9, 2023

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## Learning Objectives

**You'll be able to:**

**Comply** with building code requirements for the installation of masonry veneers.

**Review** ASTM standards.

**Consider** the benefits and challenges of anchored and adhered veneers.

**Control** interior and exterior moisture.

**Examine** the basics of masonry material and assembly movement.

**Troubleshoot** problems, and implement maintenance strategies.



HalfMoon Education Live Webinars

# Masonry Veneer Design and Construction

*Live, Interactive Webinar - Thursday, November 9, 2023*



**Discuss** codes and guidelines for masonry veneers

**Explore** moisture management strategies

**Examine** costs and benefits for residential and commercial applications

**Control** movement of veneers

**Get** tips for maintenance and repair

## Continuing Education Credits

**Professional Engineers**

6.5 PDHs

**International Code Council**

.65 CEUs (Building)

**Architects**

6.5 HSW CE Hours

6.5 AIA LU | HSW

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# Webinar Information

|                                                  |                                                 |
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| <b>Log into Webinar</b><br>8:00 - 8:30 am CST    | <b>Break</b><br>12:15 - 12:45 pm CST            |
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# Faculty

**Pat Conway**  
*Director, Industry Development and Technical Services at International Masonry Institute*  
Mr. Conway is a registered architect in Wisconsin. He currently serves as director of IMI's internal technical team and is a distinguished national masonry author and speaker. Mr. Conway is a prolific presenter on masonry wall system topics, including: flashing, movement control, high-performing masonry wall systems, air barriers, efficient wall design, structural masonry concepts, masonry drawing and specification review, modern open-jointed rainscreen veneer systems, masonry lintels, single-wythe masonry walls, lessons-learned from the job site, and adhered veneers. His expertise/practice areas are in building enclosure design and detailing, masonry job site troubleshooting, masonry construction document review, flashing and moisture control, and masonry movement control. He is a member of the American Institute of Architects, the Construction Specifications Institute and International Institute of Building Enclosure Consultants. Mr. Conway earned his Bachelor of Architecture degree from the University of Minnesota.

# Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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**Mass Timber Frame Design and Construction Under IBC 2021**  
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**Engineering Projects from Start to Finish**  
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**Highway Bridge Design, Evaluation, Inspection and Rehabilitation**  
- Monday, October 23, 2023 | 8:00 - 11:40 am CDT  
- Tuesday, October 24, 2023 | 1:00 - 4:40 pm CDT

**Engineered Lumber Design and Construction**  
- Tuesday, October 24, 2023 | 8:00 am - 4:00 pm CDT

**How to Design and Construct a Cantilever Retaining Wall**  
- Thursday, October 26, 2023 | 1:00 - 3:00 pm CDT

**Retaining Wall Selection: How to Know What to Specify**  
- Thursday, October 26, 2023 | 10:00 am - 12:40 pm CDT

**Understanding NSPE Engineering Code of Ethics**  
- Friday, October 27, 2023 | 11:00 am - 12:00 pm CDT

**Whole Building Commissioning to Achieve Performance Goals**  
- Friday, October 27, 2023 | 8:30 am - 4:00 pm CDT

**Complying with Residential Provisions of the International Energy Conservation Code 2021**  
- Monday, October 30, 2023 | 8:30 am - 4:30 pm CDT

**Fireplaces, Stoves, Flues and Chimneys**  
- Monday, October 30, 2023 | 9:00 am - 4:00 pm CDT

**Energy Modeling for Multi-Family and Commercial Buildings**  
- Tuesday, October 31, 2023 | 9:00 am - 4:00 pm CDT

**Advanced Pavement Materials**  
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**Construction and Demolition Waste Management**  
- Friday, November 3, 2023 | 10:00 am - 12:00 pm CDT

**Handling Ethical Issues in Construction**  
- Thursday, November 30, 2023 | 2:00 - 4:00 pm CST

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