

Countdown to Credits

12 WEBINARS. 12 CREDITS.

Elevate your building enclosure expertise before year-end.

— DECEMBER 1-16 —

Join us Monday - Friday at 2 p.m. EST from December 1 - 16, 2025 and earn 12 AIA LU|HSW credits before year-end!

Building Enclosure Architectural Details - Conveying Construction Drawing Clarity

Monday, December 1 @ 2 p.m. EST

Presenter: Bob Dazel, Senior Building Enclosure Specialist, Tremco CPG Inc.

Course Number: TRS 057-25

Credit: 1.0 AIA LU|HSW credit

Creating air-tight, water-tight, and energy-efficient buildings requires a holistic understanding of the entire building enclosure system. Without this knowledge, architectural details often fall short, leading to incomplete designs, gaps in critical information, and exterior wall components that are improperly installed. This lack of clarity forces contractors to "figure it out in the field," resulting in inefficiencies and potential failures. This presentation will explore the foundational principles of building science and demonstrate how thoughtful, precise drawings can lead to sustainable, high-performing structures. By focusing on key building enclosure details—such as foundation-to-wall, roof-to-wall, window-to-wall, penetrations, and transitions between dissimilar materials—we'll uncover strategies to ensure clarity, functionality, and beauty in design.

Air Barrier Testing in Review

Tuesday, December 2 @ 2 p.m. EST

Presenter: Marcy Tyler, Director of Building Science, Tremco CPG Inc.

Course Number: TRS 048 (2023)

Credit: 1.0 AIA LU|HSW credit

Air barriers are designed to block air and moisture from entering a building, but frequent testing and thermographic imaging reveal that leaks often occur at or near air barrier failures. Improper lapping and detailing of terminations, incompatible products, and lack of adhesion are just a few of the potential culprits. Proper project-specific testing ahead of construction can help prevent these failures before they become costly. This course will review industry-recognized requirements and test methods specified for air barrier membranes. Participants will also learn how enhanced testing can measure long-term performance, giving you piece of mind before construction begins.

Roofing Options

Wednesday, December 3 @ 2 p.m. EST

Presenter: Bob Moretti, Director, Sales Operations & Training, Tremco CPG Inc.

Course Number: TR1 (2023)

Credit: 1.0 AIA LU|HSW

This course is a review of the many different roof system options available to the designer. It provides a basic examination of system strengths and weaknesses, life cycle expectations, energy conservation impacts and other sustainable considerations.

Fan Array Retrofits in AHU Restoration: Enhancing Energy Efficiency and Building Performance

Thursday, December 4 @ 2 p.m. EST

Presenter: Ryan Gottermeier, Vice President/General Manager, WTI|WTC

Course Number: TRM 050 (2025)

Credit: 1.0 AIA LU|HSW

This session will explore the innovative approach of fan array retrofits as part of HVAC Air Handling Unit (AHU) restoration. Focusing on cost-effective, sustainable solutions, the presentation will delve into the benefits of retrofitting outdated fan systems with modern fan array technology. Participants will gain insight into the engineering, construction, and performance enhancements driven by fan arrays, including energy efficiency, reduced downtime, and improved air quality. Case studies will highlight the real-world impact of these solutions, providing attendees with a comprehensive understanding of how fan array retrofits can transform aging HVAC systems.

Concrete Surface Preparation for Coatings, Membranes, and Sealants

Friday, December 5 @ 2 p.m. EST

Presenter: Marcy Tyler, Director of Building Science, Tremco CPG Inc.

Course Number: TRS 104

Credit: 1.0 AIA LU|HSW

Coatings, membranes and sealants have a big role to play in protecting the concrete, and furthermore, the entire structure, when applied. Successful installation relies on the appropriate surface preparation, as all these materials will only be as good as the surface they are applied to. This course will investigate surface profile and condition of existing and new concrete, environmental factors impacting installation and in service life of these materials, and verification methods to validate and troubleshoot the application.

Innovative Prefabrication and Lightweight Cladding Solutions: Advancing Sustainable Building Practices

Monday, December 8 @ 2 p.m. EST

Presenter: Bob Dazel, Senior Building Enclosure Specialist, Tremco CPG Inc.

Course Number: TRS 114

Credit: 1.0 LU|HSW

Prefabricated construction transforms how we build by designing, engineering, and assembling components off-site in a controlled environment. These components are then transported to the job site for streamlined installation, delivering greener, faster, and smarter construction solutions. This approach is gaining traction in both new builds and renovation projects due to its sustainability and efficiency. This course dives into the world of prefabricated cladding, focusing on lightweight systems such as Metal Composite Material (MCM/ACM) and Exterior Insulation and Finish System (EIFS)-based panels. These innovative cladding solutions offer significant advantages, including cost-efficiency, improved energy performance, and versatile aesthetic appeal for architects, engineers, contractors, and building owners alike. Participants will gain a comprehensive understanding of lightweight prefabricated panel systems, including their design considerations, installation techniques, and attachment methods. The training will also showcase how these systems can accelerate project timelines, extend construction seasons, and enhance the performance and appearance of new and existing structures.

Designing Safety Solutions

Tuesday, December 9 @ 2 p.m. EST

Presenter: Josh Bonardi, Safety Services Supervisor, WTI|WTC

Course Number: TRM031 (2023)

Credit: 1.0 AIA LU|HSW

This course is a review of rooftop safety, hazards, laws and codes. The aim is to develop and reinforce general awareness of the risks that can be alleviated with properly designed rooftop safety solutions.

Building Smarter: The Role of Insulated Concrete Panel Systems

Wednesday, December 10 @ 2 p.m. EST

Presenter: Greg Garrison, Business Development Specialist, Tremco CPG Inc.

Course Number: TRS 117

Credit: 1.0 AIA LU|HSW

This course provides an in-depth exploration of insulated concrete panel systems, a cutting-edge solution for energy-efficient and sustainable construction. Participants will gain a comprehensive understanding of these systems, including their structural performance, thermal efficiency, and streamlined installation process. Through case studies, technical insights, and practical applications, this course will demonstrate how insulated concrete panel systems align with green building standards, enhance project efficiency, and contribute to resilient, high-performance structures. Attendees will leave equipped with the knowledge to specify and integrate insulated concrete panel systems into their architectural designs, ensuring compliance with AIA standards and sustainable building practices.

Minimizing Risk in Blindside Waterproofing Applications

Thursday, December 11 @ 2 p.m. EST

Presenter: Marcy Tyler, Director of Building Science, Tremco CPG Inc.

Course Number: TRS 117

Credit: 1.0 AIA LU|HSW

As blindside waterproofing becomes increasingly common in dense urban construction and zero lot line projects, it introduces unique challenges that demand meticulous attention to detail. This course explores blindside waterproofing technologies, their performance criteria, and how to design effective systems tailored to specific project needs. Participants will learn best practices for mitigating application risks, managing critical moisture-prone areas, and detailing failure points to ensure long-term building protection and performance.

Vegetated Roof System Assembly Design

Friday, December 12 @ 2 p.m. EST

Presenter: Bob Moretti, Director, Sales Operations & Training, Tremco CPG Inc.

Course Number: TRM033 (2023)

Credit: 1.0 AIA LU|HSW

This course is a discussion about the complexities of vegetated roofing systems. This presentation walks through the typical components of a functional green roof system and provides the procedures on how to improve the quality of vegetated roofing system designs by focusing on detailing and performance.

Design Onboarding for Architects: Principles of ICF Integration

Monday, December 15 @ 2 p.m. EST

Presenter: Eric Lemaire, Commercial/Residential Development, Tremco CPG Inc.

Course Number: TRS 116

Credit: 1.0 AIA LU|HSW

This course introduces architects to the foundational principles of designing with Insulated Concrete Forms (ICF) while demystifying their use within the built environment. Participants will gain a high-level understanding of ICF systems, including their benefits, applications, and design considerations, with a focus on the three core principles of design-ability, permit-ability, and construct-ability. The course provides an overview of how ICF impacts architectural workflows, from simplifying building assemblies to drafting considerations, and offers guidance on accessing key resources for successful implementation. By the end of the session, attendees will be equipped to confidently integrate ICF into their projects and collaborate effectively with contractors and stakeholders.

Specifying Warranties: Getting Past “Standard”

Tuesday, December 16 @ 2 p.m. EST

Presenter: Bob Dazel, Senior Building Enclosure Specialist and Jenna Gift, Program Manager, Learning, Tremco CPG Inc.

Course Number: TRS 115

Credit: 1.0 AIA LU|HSW

This course is designed to equip architects and design professionals with the knowledge to navigate and evaluate manufacturer product warranties effectively. This course delves into the nuances of warranties, helping participants understand their scope, limitations, and implications during the design and specification process. By mastering the art of specifying warranties, attendees will ensure better project outcomes and mitigate potential risks.