



# AIA Continuing Education System

Registered Provider Content Summary

## Managing Condensation, Water Intrusion, and Energy in the Real World

### PRESENTATION DESCRIPTION

Window-opening air and water leakage has been a difficult problem for the construction industry. This course evaluates building failures, conventional construction approaches, and new developments in waterproofing techniques to show a path forward for designers seeking higher-performing wall assemblies.

### LEARNING OBJECTIVES

1. Explain why job-site conditions should be used as systems engineering requirements in construction product development.
2. Compare and contrast the similarities and differences between silicone, urethane, and STPE sealants.
3. Describe the multi-step weatherproofing process of conventional window installation and how such installations fare in real-world testing conditions.
4. Explain new window weatherproofing techniques using liquid flashing membranes.
5. Instruct others on construction defect remediation using STPE technology through case-study examples.

### PARTICIPANTS

Architects, specifiers, owners, contractors, and other construction professionals. Ideal seminar size is 6 to 20.

### PRESENTATION METHOD

The presenter uses a well-illustrated PowerPoint presentation to convey the importance of proper detailing and performance evaluation of building envelopes. The rapid succession of highly-developed slides creates a documentary-film impression that is very effective at holding audience attention. A question-and-answer session follows the presentation.

### PROVIDER

Masonry Advisory Council

### PRESENTER

PROSOCO

**AIA CREDITS:** 1

**LENGTH:** 1 Hour

**HSW:** Yes

**A/V Needed:** Electrical power and presentation screen. The CES provides the laptop and projector.

**COST:** There is no cost to you for the presentation or the lunches provided.

### PRESENTER QUALIFICATIONS

Prosoco CES presenters are experienced construction professionals. Most average 10 years in the industry. Their qualifications include formal manufacturer's training and extensive

### QUESTIONS?

Call: 847-297-6704

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