

# **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 higherperforming 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.

#### **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

### PROVIDER

Masonry Advisory Council **PRESENTER** PROSOCO

#### **PRESENTATION METHOD**

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

AIA CREDITS: 1 LENGTH: 1 Hour HSW: Yes

#### PARTICIPANTS

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

