

### Refining Construction Details through Design Verification Testing

#### PRESENTATION DESCRIPTION

The current drive for “sustainable” construction emphasizes environmentally responsible building materials, but sometimes overlooks the need for durability. Impractical industry “best practices” and low performance expectations are often at the root of damage from common weather conditions. Based on decades of forensic investigation and repair of small and large coastal properties, this presentation offers detailed case studies and explains the value of design verification testing in achieving true sustainable

#### LEARNING OBJECTIVES

1. Name the critical first step to achieving sustainable construction.
2. Explain why current “best practices” for controlling unwanted movement of air, water and energy through the building envelope often fall short.
3. Describe how common performance standards do and do not simulate conditions that lead to premature building failures.
4. Explain how design verification testing can help refine construction details and eliminate many recurring causes of building failure.

#### 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 show proper detailing and explain performance evaluation of building envelopes. 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

