



PROFILE OF INNOVATION

## The American Institute of Architects Continuing Education System

### AIA/CES Registered Provider Program Summary Handout

**Provider:** Schluter Systems L.P. **Program #:** SCHL8A

**Program:** **Challenges & Solutions for Today's Ceramic Tile and Stone Installations**

**Length:** 60 minutes **HSW:** Yes

**Credits:** 1 L.U.

**Description:** Ceramic and stone tiles are beautiful and durable surface coverings, but in today's construction environment a variety of different substrates and conditions present unique installation challenges for walls and floors. This seminar will address the distinctive challenges of dissimilar substrates such as engineered wood, gypsum cement screeds, radiant heated floors, sound-rated floors, and various types of concrete slabs. Both traditional methods and new technology methods will be discussed and, when applicable, related to the details in the 2005-2006 TCA Handbook. Wall installations, specifically in wet areas, will also be covered. Controversial issues such as mold, and questionable shower assemblies will be examined. Lastly, the intricate challenges associated with exterior applications will be discussed, to include waterproofing, freeze/thaw cycling, movement joints, flashing, and railing assemblies.

#### Learning

**Objectives:** At the end of this program, the participant will be able to:  
1) comprehend the challenges associated with tile and stone installations; and  
2) recognize new areas of application that can be attained through the utilization of new installation technology.

**Approach:** A PowerPoint presentation incorporating photo images, video clips, and computer animation will be used. There will be a question and answer period at the end of the program; however, questions are encouraged throughout.

**A/V needed:** Electrical power and a screen for the PowerPoint presentation.  
(The CES facilitator will supply the laptop and projector)

#### Target

**Audience:** Architects, specifiers, owners, and other design professionals in the residential and industrial/commercial markets. Ideal audience size: 10 to 20 people.

#### Facilitator

**Qualifications:** All of Schluter®-Systems' facilitators have been with the company a minimum of 3 years, and average 10 years in the tile industry. The CES facilitators receive in-house training on CES guidelines and presentation skills.

**Cost:** Non-applicable. There is no fee for bringing this program into a firm or chapter meeting.

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