



PROFILE OF INNOVATION

The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout

Provider: Schluter Systems L.P. **Program #:** SCHL4A

Program: **Movement Joints for Tile and Stone: "Where, Why, and How?"**

Length: 60 minutes (1.5 hour version also possible) **HSW:** Yes

Credits: 1 L.U.

Description: A discussion of the terminology and definitions used in the hard surface industry. Discussion will include: cold joints, construction joints, seismic joints, and their relationship to expansion and control joints within tile and stone. Other considerations, such as thermal expansion and contraction within the finishing material and the substrate, will be examined.

Where to locate expansion and control joints will be identified and typical layouts will be shown. Both interior and exterior applications will be discussed, with specific examples of common challenges and problems. Frequency, size, and design will be covered as well.

Lastly, the differences between elastomeric sealant and prefabricated movement profiles will be discussed. Advantages and disadvantages of each will be evaluated so that one can choose the best material for the application. There will be an open period at the end of the program for questions and answers.

Learning

Objectives: At the end of this program, the participant will be able to:

- 1) comprehend the importance of expansion and control joints in the tile and stone industry;
- 2) avoid errors related to the improper placement and use of expansion and control joints; and
- 3) define the different options available to the architect so that s/he can specify the best material for a particular application.

Approach: A PowerPoint presentation incorporating photo images, video clips, and computer animation will be used. Handouts, including the latest edition of the Tile Council of America Handbook, will be distributed. 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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