



**Globally Proven
Construction Solutions**

AIA-12

Restoring a Concrete Slab to Baseline: Leveling and Resurfacing

Provider: LATICRETE International, Inc. **Program:** Restoring a Concrete Slab to Baseline: Leveling and Resurfacing

Program #: AIA-12

Credits: 1 LU Hour

HSW: Yes

Description:

This advanced seminar will discuss the major benefits of utilizing a low alkali cement self-leveling product to restore a slab to baseline. Overall design and specification will be discussed to aid the design professional in determining when floor leveling is necessary on new or existing slabs. What conditions dictate when you would need self-leveling or skim coat, and what systems do you specify to ensure your floor type is prepared correctly to receive various finished flooring materials. Further, the presentation will compare and contrast several methods of application for these cements including barrel-mixing and pumps. As moisture is a major obstacle for self-leveling, this forum will also address moisture mitigation system application and the need for moisture control in concrete slabs. At the conclusion of this presentation, the design professional will have a better understanding of what it takes to bring a slab back to the baseline, so that all finished flooring surfaces are uniform.

Learning Objectives:

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

1. Understand the most important considerations for specification of cementitious self-leveling cements.
2. Evaluate some common conditions in concrete substrates and know what the appropriate steps are to get back to baseline.
3. Obtain knowledge of the types of self-leveling compounds available in the market and the form and function of each.
4. Determine how certain cement levelers interact with moisture mitigation systems and how this affects the finished floor goods to be installed.
5. Understand how Low VOC materials qualify for LEED points according to LEED-NC v.2.2.

Approach:

A PowerPoint presentation that incorporates photo images, project installations and computer animation will be used. There will be a questions and answer period at the end of the program, however, the program is designed to be interactive, and questions are encouraged throughout as well.

A/V Needed:

Electric power and a screen, video system or blank wall for the PowerPoint presentation. (The CES facilitator will provide the laptop and projector).

Target Audience:

Architects, Engineers, Specifiers, Owners, and other Design Professionals in the commercial, residential, and industrial markets.

Facilitator Qualifications:

The CES facilitators receive in-house training on CES guidelines and presentation skills. All have extensive construction industry experience and up to 25 years in the flooring and concrete industries.

Cost:

Not Applicable. There is no fee for bringing this program into a firm or chapter meeting.