



**Globally Proven  
Construction Solutions**

# AIA-15 Concrete Design and Basics

**Provider:** LATICRETE International, Inc. (J-037)  
Design and Basics

**Program:** Concrete

**Program #:** AIA-15

**Credits:** 1 LU Hour

**HSW:** Yes

## **Description:**

Starting on the most basic level, this presentation covers the basics of the second most used material on earth next to water. Starting with the basics, this presentation proceeds to offer a view of some of the issues facing proper use of concrete. There is something for everyone from laymen to seasoned professionals in this presentation.

## **Learning Objectives:**

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

1. Identify the materials that concrete is made from.
2. Understand the chemical process that concrete undergoes in the hydration process and how to properly gauge concrete strength and hydration times.
3. Problems and issues in concrete construction
4. Attendees will learn how concrete masonry can contribute to specific LEED credits and the health, safety, and indoor comfort of the occupants.
5. This Sustainable Design and Health, Safety and Welfare presentation discusses Green Building Sustainable Design benefits.

## **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 concrete and concrete design industry.

## **Cost:**

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