

**AMERICAN INSTITUTE OF ARCHITECTS CONTINUING EDUCATION SYSTEM  
U.S. GREEN BUILDING COUNCIL EDUCATION PROVIDER PROGRAM**

*Presented by Lehigh Cement Company LLC, White Cement Division  
An AIA/CES Passport Provider / USGBC-EPP Provider*

**(ONLINE) PROGRAM NO. SD102: ARCHITECTURAL CONCRETE FOR A SUSTAINABLE FUTURE**

*1 AIA/CES Learning Unit/1 HSW Contact Hour/1 SD Credit  
1 USGBC GBCI-CE Hour*



An online presentation explains how cement and concrete products provide sustainable elements for building design. Common themes and rating systems, such as LEED<sup>®</sup>, are explained with examples of how concrete applications support rating system strategies. Industry advances in alternate fuels, raw materials and energy efficiency are discussed, as well as the impact of greenhouse gasses and CO<sub>2</sub> emissions in the manufacturing process of various building materials. Aesthetic durability, and its relationship to sustainable design, is described in detail.

**PROGRAM NO. SD103: A CONCRETE SOLUTION TO GREEN BUILDING**

*1 AIA/CES Learning Unit/1 HSW Contact Hour/1 SD Credit  
1 USGBC GBCI-CE Hour*



A one-hour PowerPoint presentation validates the use of concrete products in the design of sustainable communities. Design solutions and sustainable technologies are explained in the context of Green Building rating systems. Industry advances in alternate fuels, raw materials and energy efficiency are discussed, as well as the impact of greenhouse gasses and CO<sub>2</sub> emissions in the manufacturing process of various building materials. Sustainable strategies are discussed, including heat islands, materials and resources, life cycle assessments, indoor air quality and energy conservation, along with the versatility of cement and concrete products and their contribution to a sustainable world.

**PROGRAM NO. WHAPP1: WHAT IS WHITE CEMENT? & ITS APPLICATIONS**

*1 AIA/CES Learning Unit/1 HSW Contact Hour*

A one-hour PowerPoint and video presentation discusses the differences between gray and white cements and the influence of ASTM Specifications on their uses. Presentation includes photos of numerous projects using white cement/concrete products in various design applications, along with identification of the architectural firms who designed the structures.



**PROGRAM NO. WHATT2: WHAT IS WHITE CEMENT? & ITS ATTRIBUTES AND ADVANTAGES**

*1 AIA/CES Learning Unit/1 HSW Contact Hour*

A one-hour PowerPoint and video presentation discusses the cement manufacturing process, clarifies the differences between gray and white cements, discusses the various types of cements and their uses and the special attributes and advantages of using white cement/concrete products. Presentation includes photos and explanations of various architectural effects that can be achieved using white cement/concrete products.



**PROGRAM NO. WHCO12**

**WHAT IS WHITE CEMENT? & ITS APPLICATIONS, ATTRIBUTES & ADVANTAGES**

*1 AIA/CES Learning Unit/1 HSW Contact Hour*

This one-hour PowerPoint and video presentation combines Programs WhApp1 and WhAtt2 into one comprehensive course.



**LEHIGH**  
WHITE CEMENT

[www.lehighwhitecement.com](http://www.lehighwhitecement.com)

