

**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. 0SD102

ARCHITECTURAL CONCRETE FOR A SUSTAINABLE FUTURE

*1 AIA-CES Continuing Education Hour/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®, 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 CO₂ emissions in the manufacturing process of various building materials. Aesthetic durability, and its relationship to sustainable design, is described in detail.



PROGRAM No. 0SD103

A CONCRETE SOLUTION TO GREEN BUILDING

*1 AIA-CES Continuing Education Hour/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 CO₂ 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 0SD200

A BETTER FLOOR WITH DURABLE CONCRETE

*1 AIA-CES Continuing Education Hour/1 HSW Contact Hour/1 SD Credit
1 USGBC GBCI-CE Hour*

A Better Floor with Durable Concrete explains the role material selection plays in green projects. Concrete's environmental impacts and Green House Gas emissions are reviewed, along with ways to reduce those effects. This program compares key steps in constructing hard-troweled and polished floor systems and explains best practices for getting floors that are durable, long lasting and low maintenance. It contrasts the benefits of utilizing concrete as a finished flooring surface to floor systems based on other materials and explains why reflective concrete shines as a sustainable flooring option.



PROGRAM No. WHCo12

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

1 AIA-CES Continuing Education Hour/1 HSW Contact Hour

A one-hour PowerPoint and video presentation discusses the cement manufacturing process, clarifies the differences between gray and white cements and the influence of ASTM Specifications on their uses. Discusses the various types of cements and their uses and the special attributes and advantages of using white cement/concrete products. Presentation includes photos of numerous projects using white cement/concrete products in various design applications, along with photos and explanations of various architectural effects that can be achieved using white cement/concrete products.



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