



USGBC Education Provider Program and
American Institute of Architects Continuing Education System
Presented by Lehigh Cement Company / White Cement Division
An AIA/CES Passport Provider

PROGRAM No. SD101

CONCRETE FOR COOL COMMUNITIES

A one-hour PowerPoint presentation that will educate the audience on how cement and concrete products provide durable building elements for sustainable community and building design. The common themes and influence of rating systems (i.e. LEED®, etc.) will be explained. Examples of how concrete applications support specific rating system strategies will be explained, including reduced energy consumption, material and resource optimization and improved indoor air quality. The difference between cement and concrete is clarified and the manufacturing process is explained. Aesthetic durability and its relationship to sustainable design will be described and specific techniques will be explored. Finally, the audience will be shown examples of the design versatility and flexibility of using concrete and how cement/concrete supports a sustainable world.

PROGRAM No. SD103 (ALSO AVAILABLE ON-LINE AT www.lehighwhitecement.com)

ARCHITECTURAL CONCRETE FOR A SUSTAINABLE FUTURE

A one-hour PowerPoint presentation that validates the use of concrete products in the design of sustainable communities. Sustainable technologies and design solutions will be explained in the context of Green Building rating systems – their growing influence, common themes, how they work and their payoff. Industry advances in alternate fuels, raw materials and energy efficiency will be discussed, as well as the impact of greenhouse gasses and CO2 emissions in the manufacturing process of various building materials. Important sustainable strategies, including heat islands, materials and resources, life cycle assessments, indoor air quality and energy conservation will be explored. Architectural details and their relationship to sustainable design will be explored, with examples illustrating the flexibility and versatility of cement and concrete products and their contribution to a sustainable world.

PROGRAM No. WHAPP1

WHAT IS WHITE CEMENT? & ITS APPLICATIONS

A one-hour PowerPoint and video presentation that 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

A one-hour PowerPoint and video presentation which 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 which can be achieved using white cement/concrete products.

PROGRAM NO. WHCO12

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

A one-hour PowerPoint and video presentation that combines Programs WhApp1 and WhAtt2 into one presentation. Discusses the differences between gray and white cements and the influence of the ASTM Specifications on their uses. Also 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.

FOR FURTHER INFORMATION, CONTACT: LARRY ROWLAND OR JACKIE KING AT (800) 523-5488