

The American Institute of Architects Continuing Education System



AIA/CES Registered Provider Program Summary Handout

Provider: USG Corporation **Program #:** STRU01

Program: Structural Cementitious Panels

Length: 1.0 hour

Credits: 1.0 LU Hours **HSW:** YES

Description: This presentation introduces fiber-reinforced, inorganic, composite panels as noncombustible structural cementitious floor, roof and wall sheathing panels. The sheathing panels described in this presentation are intended to be installed over cold-formed steel framing and used as a structural sub-floor for noncombustible floor/ceiling assemblies. When installed as roof sheathing it provides a structural substrate for a multitude of roof finishes, ranging from low-slope, direct- and mechanically applied systems. In wall systems the sheathing provides both a structural, fire-resistant and a cavity wall system.

Agenda: Properties of Structural Cementitious Panels
Structural Floor, Systems with CFS
Roof Systems with CFS
Structural Cementitious Panel Systems
Fire-resistance and acoustical portfolio
Application Portfolio

Learning Objectives: At the end of this program the participants will be able to:
Understand composition and application of structural cementitious sheathing panels.

How taught: Using a PowerPoint presentation, the facilitator will encourage audience participation and interaction by a series of questions throughout the presentation.

A/V needed: Electrical power and a projection screen for PowerPoint presentation.

Target Audience: Architects, engineers, specifiers, owners, and other design professional in the industrial/educational/commercial market. Ideal audience size is 20-30, however, smaller or larger groups can be accommodated easily. Experience level of the audience varies from beginner to advanced.

Facilitator Qualifications: USG certifies all CES course presenters through two-day training program on CES Provider Guideline changes or modifications, and presentation skills. Each facilitator must present one of the programs and will receive critique.

Costs: N/A; there is no cost to bring this program into a firm or chapter meeting.