

AIA CES HSW: KMC 21002

Mineral Silicate Paints and Stains for Concrete

About this Course

This continuing education series course will cover mineral silicate paints and stains for concrete, how they function and what makes them inherently different than latex or acrylic finishes, and specifically how they are used to beautify and protect old and new concrete architecture. We will explore the legendary durability of mineral paints and when and where to specify them for maximum client value. We will also review the health, safety and welfare benefits of mineral silicates finishes and how Cradle to Cradle certification helps your firm meet all 5 aspects of the AIA Materials Pledge.

Prerequisite Knowledge: None

HSW Justification:

Exploration of mineral silicate stains and paints' inherent ecological and sustainable advantages. The presentation focuses on third-party certifications for LEED, EPD, Greenguard Gold, Cradle to Cradle and translates these to value-added benefits for your clientele.

Learning Objective 1:

-- You will learn how mineral silicate finishes function and their impact on coating performance over the short and long terms.

Learning Objective 2:

-- You will be able to identify six basic differences between mineral silicate paints and their latex and acrylic counterparts for concrete architectural applications.

Learning Objective 3:

-- Describe where to use mineral silicate paints and stains and why they are particularly suited to concrete projects and surfaces.

Learning Objective 4:

-- Explore the differences between mineral silicate paints and stains and when to specify each to achieve aesthetic objectives. We will review live samples.

Learning Objective 5:

-- Understand how Cradle to Cradle is the most holistic certification that addresses all five aspects of the AIA Materials pledge including:

- Human Health
- Social Health and Equity
- Ecosystem Health
- Climate Health
- Circular Economy

