

AIACES-HSW103

Mineral Silicate Paints and Stains Masonry Facades

About this Course

This continuing education series course will cover mineral silicate paints and stains, how they function and what makes them inherently different than latex or acrylic paints. We will explore the legendary durability of mineral paints and when and where to specify them for maximum performance, and what makes these finishes ideal in historic restoration. In addition we will review the health, safety and welfare benefits of mineral silicates that have made them extremely popular with green and sustainable construction practices.

Prerequisite Knowledge:

None

HSW Justification:

Exploration of mineral silicate stains and paints' inherent ecological and sustainable advantages. Presentation focuses on third-party certifications for LEED, EPD, Cradle to Cradle and other certifications as well as other safety and health benefits of mineral finishes.

Learning Objective 1:

- You will learn how mineral silicate paints 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 architectural applications.

Learning Objective 3:

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

Learning Objective 4:

- See how mineral silicate paints and stains are the compatible choice for concrete surfaces in new, renovation and historic environments.

Learning Objective 5:

- Understand how the pure mineral make-up of mineral silicates ensure healthy and sustainable building practices and are extremely friendly to the environment.