



Designing with Architectural Zinc: Today's Building Techniques and Methods

Course Description:

Zinc is an emerging architectural metal in the US due to its numerous benefits and ability to obtain points for LEED certification. This study will:

- Walk participants through zinc's history and its uses leading up to its uses as an architectural metal
- Showcase zinc's various capabilities and benefits for building design and aesthetics from exterior and interior applications
- Gain knowledge of architectural zinc's performance in the environment as well as comparing it to other metals and building materials
- Show that life cycle benefits of architectural zinc are demonstrable and are proven to far outweigh the initial upfront costs

Hence, architectural zinc has been experiencing a surge in popularity in North America due to its superior sustainable qualities, durability, and low maintenance.



Learning Objectives:

1. Learn and understand the history and attributes of architectural zinc as a sustainable building material
2. Explore the elements of working with zinc from design and detail to installation and distinguish between the different metal cladding panel types in interior and exterior applications
3. Understand zinc's natural patina process and the metal's performance in the environment
4. Define the longevity and sustainability of architectural zinc and the life cycle costs associated with it when compared to other cladding materials.