

Get Creative with MCM Finishes

PURPOSE: Today's building designs demand reliable building envelopes coupled with pleasing aesthetics.

This course discusses how innovations in custom and specialty finishes on metal composite material (MCM) panels now mean that the limitation is your imagination. In particular, we look at the use of **anodizing**, **natural metals** such as zinc, and **organic coatings**.

The course also covers applicable standards and specifications for using these finishes.

LEARNING OBJECTIVES: At the end of this program, participants will be able to:

- ❖ **describe the features and benefits of metal composite material MCM cladding** including corrosion resistance and corrosion control
- ❖ **list the components of MCM panels** and explain how the manufacturing process creates an environmentally friendly cladding product
- ❖ **summarize the anodization process** and compare the performance characteristics of coil anodizing and batch anodizing
- ❖ **describe liquid organic coatings** in terms of their composition and application methods and differentiate between the sustainable features of thermoset (FEVE) and thermoplastic (PVDF) resins, and
- ❖ **recall how MCM panels are an energy-efficient building material** and are highly recyclable.

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