

## Making The Educated Choice in Metal Roofing

1 AIA/CES Health Safety Welfare Learning Unit

### **Program Description:**

There are many choice in the design of a roof system from a flat roof to a sloped roof. There are endless design options for the architect, consultant and installer. This presentation will look at the advantages of designing and installing a metal roof on you next project.

This one-hour interactive presentation provides an overview of the basics of metal and its manufacturing properties such as profile, slope and clips to secure your roof. It discusses various types of applications available in the market and defines relevant energy terms.

### **Learning Objectives:**

- Types of Materials
- Substrates and their uses
- Galvanized Steel vs Galvalume
- Salt Spray & Brackish Water using Aluminum to combat the issues.
- Dissimilar Metals such as Copper & Zinc
- Paints and their characteristics such as PVDF vs Polyester and why they fail.
- Solar Reflectivity
- The difference in Weathertight Warranties

At the end of the presentation a brief question and answer session will be available.

### **About Drexel Metals:**

Since 1985, Drexel Metals has provided a full range of superior-quality engineered metal roofing systems, equipment and custom fabrication services. Drexel Metals operates several sales, fabrication and distribution locations throughout the US. In addition to our own manufacturing abilities we extend our fabrication capacities to our local DM-ARM members, who are authorized fabricators, certified Installers and distributors that further market Drexel Metals proven-brand products, all site-certified by Drexel Metals' industry-leading warranty programs.