

AVB Considerations in Prefab Construction

AECOM HUNT



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AVB Considerations in Prefab Construction
(1.5 hours, 1.5-AIA HSW)



This presentations will discuss the top considerations when designing, constructing, and installing prefab cold formed metal stud panel construction with regard to air/vapor barrier systems. From initial design considerations of the AVB system to the final completion. The presentations will be based on several case studies which we will dive into what is needed to be discussed early in the initial planning stages, construction tolerances, installation techniques, travel and storage concerns, as well as installation tips to make sure that the installation as a whole is able to be properly detailed every step of the way.

Learning Objectives:

1. Identify AVB considerations and properly choose a system that will work with the specific design challenges of the CFMF panels.
2. Learn how to identify and prevent constructability issues during the design, detailing, and installation phases of the prefab CFMF panels
3. Be able to review the fabrication process and understand the AVB concerns and how to mitigate issues during the process
4. Apply the understanding of the prefabrication process and AVB installation concerns to the field during the site observation review