

AIA HP115

Navigating the Challenges for a Better Performing (and code compliant) Wall Assembly

PROVIDER K169 Hunter Panels 1 LU/HSW



LEARNING OBJECTIVES

1 Understand how continuous insulation requirements have evolved in the IBC/IECC as next generation versions of the codes have been introduced

- Ashrae, ASTM C 518
- R value and U values



2 Understand the importance of materials testing and how they affect continuous insulation materials selection, code compliance and performance



Fire Testing – ASTM E 84, NFPA 285, UL 263



Air Management – ASTM E 2178, ASTM E 2357



Water Management – ASTM E 96, ASTM C 209, and C272

3 Understand how the materials tests affect functionality and design of a wall assembly

4 Understanding the performance dynamics of different types of wall assemblies that incorporate continuous insulation

- A discussion of Hybrid wall assemblies with different types of insulation

