



Building Envelope Tolerance

(1.0 hour, 1.0-AIA HSW)



When designing the building envelope, we need to take into account constructability and tolerance of the materials, components, and systems. Each material has a tolerance from material fabrication, component installation, as well as system installation tolerance. There are many acceptable locations which identify the tolerances of the material, component, or system. We will explore the different locations where these tolerances can be found and how to use them to better understand the building and make better constructed buildings.

HSW – Presentation is the building envelope and how to design to the acceptable tolerances of the material, component, or system.

Learning Objectives:

- 1. Understand where to look to the accepted tolerances of materials, components, and building system with regard to the building envelope.**
- 2. Evaluate the different tolerances for building envelope.**
- 3. Learn to and calculate the overall tolerance.**
- 4. Utilize the information on construction and material, component, and system installation tolerance and understand where to utilize this information in the Construction Documents.**