



ATS CONTINUING EDUCATION WEBINAR  
Effective Thermal Performance of the Building  
Enclosure - Exterior Walls  
Thursday, December 03, 2020



12:00 PM

### Effective Thermal Performance of the Building Enclosure - Exterior Walls

Today, new buildings must meet the ASHRAE requirements for thermal performance. This is a tough objective, since documented proof is required. Effective R-values must be met, not just nominal values, which means that high conductivity materials that cause thermal bridges must be considered in the modelling and calculations. Often, meeting ASHRAE's challenging prescriptive compliance is not even enough; some designers look to walls to make up for thermal performance shortfalls from other parts of the building enclosure – such as high glazing area percentages. Many of today's conventional wall assemblies fall short of even basic compliance, causing larger, thicker, and more costly assemblies than ever before. Learn what current wall assemblies are getting closest to the target performance levels, what the code-prescribed targets are for your region, and what some innovative companies and designers are doing to solve this issue, both with conventional and proprietary approaches, while saving cost at the same time.

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