



**Learning Beyond
Expectations**

Show Me the Money

The Economics of STC-Rated Walls

Participants

This course is designed for architects, specifiers, design professionals, architecture and design students, building owners and others that have a desire to learn more about building sound control. The course is for those that already have a familiarity with building acoustics. It is recommended that participants have an understanding of sound transmission design concepts.

Presentation Format

This course uses PowerPoint with audio and video. It may be presented in-person at your office or virtually.

Technology Requirements

The course requires projection capabilities for the PowerPoint presentation, power and an HDMI connection.

Presenter Qualifications

PABCO® Gypsum is a division of PABCO Building Products, a division of Pacific Coast Building Products, an AIA Certified Continuing Education Provider.

All speakers are approved Pacific Coast Building Products presenters.

Contact

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Description

If you'd like to learn about effective design strategies and principles to achieve Sound Transmission Class (STC) ratings while minimizing costs, this session is for you.

This course will lead you through some of the economic considerations for various wall assembly components, what is driving those costs and how to minimize costs while maintaining high performing walls. We will look at different sound control methodologies, focusing on the positives and limitations of each, and how they work together.

We will also explore the inter-relationship between environmental sustainability and economic factors in sound-rated wall assemblies. We will wrap up with learning how to evaluate the true value and cost of an assembly and compare to other options to find the best solution.

Learning Objectives

Upon completion of this course, the design professional will:

1. Learn best practices and design principles of STC-rated designs, including mass, constrained-layer damping, decoupling, sealants, and stud choice and spacing.
2. Discover how small changes in wall designs impact STC performance.
3. Deepen your understanding of the current costs associated with designing STC-rated partitions.
4. Discover the interrelation between environmental impact and economics of a sound-rated wall assembly.

Credits

Learning Units 1.00 LU/HSW

Request a Lunch and Learn

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**AIA
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Provider #: Pacific Coast Building Products, T044
Course #: QRK 425