



Program Title: Optimized Acoustics in Buildings: The True Sound Experience

Provider Name: Rockfon

Length: 1 Hour

Credits: 1 LU 1 GCBI CE

SD: No

HSW: Yes

Program Overview: Complying with the more stringent acoustic performance criteria in the standards, guidelines and building rating systems has become more challenging in today's predominantly larger and more open commercial interiors. This is in part due to trends toward more reflective floor materials, fewer walls and an abundance of glass. Higher amounts of sound absorption are required to limit reverberation, increase speech intelligibility and prevent widespread noise disturbances. This presentation will educate designers on achieving the required amount of noise control using high-performance, modular, acoustic ceilings. In locations where transmission of noise from one room into another needs to be prevented, the use of ceilings alone as sound blockers, for example when the demising wall stops at the ceiling level, no longer complies with the standards, guidelines and rating systems. Attendees will learn about blocking sound using walls and lightweight plenum barriers so that their designs comply not only with user expectations, but also the higher sound isolation criteria in the acoustics standards and guidelines.

Learning Objectives:

- **Understand the impact that noise in buildings has on our bodies, minds, behavior and performance**
- **Review the overarching trends in acoustic standards, guidelines and rating systems**
- **Dispel the myths that have made acoustics the lowest scoring metric on building occupant surveys**
- **Discover the true strengths and weaknesses of ceilings and walls**
- **Develop a simple design approach to optimize acoustics**

Facilitator Qualifications:

- All Rockfon CES facilitators have been trained on CES guidelines and presentation skills.

Method of Delivery:

- The CES facilitator utilizes a PowerPoint presentation to provide an in-depth overview of the Optimized Acoustics experience.

Audio/Visual required:

- Laptop and projector. (The CES facilitator supplies the laptop and projector unless other arrangements have been made before the day of the presentation.)

Cost to participants:

- There is no cost to bring this program into your firm or chapter meeting.

Target Audience:

- Architects, interior designers, specifiers, owners, contractors, and other design professionals. Ideal audience can be 1 to over 100. This program meets every experience level with time designed in the program for questions and answers.

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