



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **Insulated Metal Panels: A Fire-Rated Solution for the Building Envelope**

The building-envelope is one of the most important elements of an architect's design. Not only does it determine the aesthetic for the building it also dictates the performance of the structure for decades to come.

The Insulated Metal Panel (IMP) features a mineral-wool core that delivers fire-rated protection and energy-saving thermal performance without compromising beautiful design. This course explains how the IMP meets those expectations and more in a cost-effective manner.

This course will deliver tremendous inspiration through project examples with numerous combinations of colors, materials, textures, and even curves that meet the functionality of any building type.

John Bilotta  
Norbec Architectural Inc. Provider #: 404108750  
AIA #:IMPFire HSW | GBCI (USGBC/CAGBC) #:920025883

09:05 AM **Review of Session Code Process**

09:10 AM **Designing For Fire Safety**

When considering the building enclosure, fire safety is an important design factor and needs to be considered hand-in-hand with energy code requirements. By developing a better understanding of how the material and systems testing standards for fire safety can impact the overall design, architects and designers can confidently and freely design spaces that could save lives in the event of fire. This presentation will review common fire standards including NFPA 285 test standard. It will outline the criteria for compliance, as well as identify triggers and contributors under the different standards. Participants will review how the selection building components such as insulation, air/water resistive barriers, claddings finishes, can affect the fire performance of an assembly, and identify solutions and common paths for compliance.

Michael Maguire  
Rockwool Provider #: K269  
AIA #:RWNA210501 HSW | GBCI (USGBC/CAGBC) #:

10:10 AM [Break](#)

10:30 AM **Magnesium Oxide (MgO) Floor Panels for Multifamily Buildings**

A streamlined approach to achieve better acoustics and fire resistance

Curtis Bolton  
Huber Engineered Woods Provider #: K094  
AIA #:HEW 302 HSW | GBCI (USGBC/CAGBC) #:

11:30 AM

## Integrated Fire and Smoke Door Systems: Specifying Your Own Safety Net

In this course we will discuss integrated doors systems, sustainability, compliance, and code. We will understand the importance of smoke and fire protection in various applications and vertical markets and how with the proper protection from integrated door systems, you can save lives. We will present benefits of the integrated door system for fire and smoke. As a learner, you will have the opportunity to see real life examples and apply those to current buildings. You will see how and when to use these systems and the simplicity there is when so much weight is on your shoulders.

Candace Kitchen

Total Door Systems - Architectural Door Consultants Provider #: J149

AIA #:TD-IFSDS-F2F HSW | GBCI (USGBC/CAGBC) #:

12:30 PM

Lunch

01:10 PM

## Gravity Fail Safe Fire Protective Smoke Curtains Technology

smoke curtain technology, which allows for more open space and natural light (providing LEED credit) in a building while protecting its occupants for safe evacuation by keeping the smoke layer six feet above the finished floor during a fire condition. Our automatic smoke barriers and partitions allow for open corridors in the atrium and are utilized for area separation. We create smoke datums with our technology under NFPA 92B guidelines in conjunction with smoke control to reduce extraction and make up air requirements. In our projects over-seas, our associates use less smoke extraction, and use more curtain systems to create more datums.

We are UL listed under UL 10D Fire Protective Curtains which UL established for our product. We are the only product in the world that holds this designation. We currently hold a UL S label for UL 1784 and a UL oversize report AND UL 864 for our group control panels. We have installed at The Kennedy Center for the Performing Arts, Federal Housing Finance Agency, UNC Dental School, MIT Neural and Cognitive Sciences Building, UMASS Integrated Sciences Building, PRINCETON Chemistry Building, FIU School for International and Public Affairs, Max Planck Institute (Florida), PNC Place in Washington, DC among many others and are currently installing at the Smithsonian National Museum of Natural History, as well as several Ground Zero and government installations.

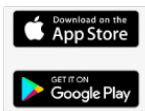
Cyrus Sadeghian

U.S. Smoke & Fire Corp Provider #: K502

AIA #:000003 HSW | GBCI (USGBC/CAGBC) #:

02:10 PM

End



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Provider