

Agenda

Presented by Greg Karow C.B.O.

Introduction

- Concepts
 - Fire resistance construction for design flexibility
 - Establishing criteria for when the use of Chapter 7 is needed

Exterior Wall Provisions

- Rated exterior walls and projections for fire separation distance requirements from table 602
- Establishing opening protectives
- Parapets and exceptions

Rated Systems

- | | |
|-------------------------------|-------------------------|
| Fire walls | Fire barriers |
| Fire partitions | Smoke barriers |
| Smoke partitions | Shaft enclosures |
| Horizontal assemblies | Listed rated assemblies |
| Prescriptive rated assemblies | |

Penetrations and Firestopping

- | | |
|----------------------|-----------------------|
| Through penetrations | Membrane penetrations |
| Firestopping systems | |

Opening Protectives

- | | |
|---------|-------|
| Windows | Doors |
| Glazing | |

Ducts and Air Transfer Openings

- | | |
|--------------------|---------------------------|
| Fire dampers | Smoke dampers |
| Smoke/fire dampers | Ceiling radiation dampers |

Fire Blocking and Draft Stopping

- | | |
|---|-----------|
| Differentiation between draftstopping and fire blocking | |
| Approved material | Locations |

Summary and Final Comments

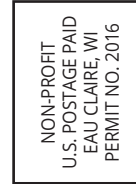
- Q & A

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Fire-Resistant Construction Based on Chapter 7 of the 2018 IBC

Pewaukee, WI or Online - Tuesday, May 16, 2023



HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Learn when to use the fire-resistance requirements of Chapter 7 of the IBC.

Design code-compliant exterior walls.

Explore rated systems for fire walls, fire barriers and smoke partitions.

Consider opening protectives for windows and doors.

Comply with requirements for ducts and air transfer openings.

Differentiate between fire blocking and draft stopping.



Live, In-Person Seminar and Live Webinar

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Determine when to use Chapter 7 of the International Building Code

Comply with provisions for exterior walls

Explore rated systems for fire walls, fire partitions and fire barriers

Discuss through penetrations and firestopping systems

Consider requirements for ducts and air transfer openings

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6.0 PDHs

International Code Council

.6 CEUs (Fire)

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6.0 HSW CE Hours

6.0 AIA LU | HSW

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Faculty

Greg Karow C.B.O.

Mr. Karow is the CEO of Code Educational Opportunities providing education based on current building codes. He also provides service as a building code specialist and consultant for design professionals and various stakeholders in the industry. Mr. Karow has an extensive background in developing and presenting multiple types of building code and related seminars. Previous career paths included Staff Instructor with the International Code Council and with the State of Minnesota Codes and Standards Division and has served as a building official for multiple municipalities. As an adjunct faculty in a local community college, he has instructed in a Building Inspection Technology program. Mr. Karow is a certified building official in Minnesota and holds ICC certifications as a Certified Building Official, ICC Plans Examiner, ICC Building Inspector, and ICC Building Code Specialist.

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12:15 - 1:15 pm CDT

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- Mon, April 24, 2023 | 8:30 am - 3:50 pm CDT

International Green Construction Code (IgCC) 2021

- Tues, April 25, 2023 | 11:30 am - 2:45 pm CDT
- Wed, April 26, 2023 | 11:30 am - 3:15 pm CDT

Stormwater Basins and Underground Systems

- Fri, April 28, 2023 | 8:30 am - 4:00 pm CDT

Significant Changes to the 2023 National Electrical Code as Presented by a Code Panel Member

- Thurs, April 27, 2023 | 9:30 am - 4:50 pm CDT

Innovative Private Onsite Wastewater Treatment Systems

- Mon, May 1, 2023 | 9:00 am - 5:00 pm CDT

Energy-Efficient Heating and Cooling in Zone 5 and Above

- Tues, May 2, 2023 | 9:00 am - 4:00 pm CDT

2021 International Building Code: Special Inspections and Construction Safeguards

- Wed, May 3, 2023 | 12:00 - 4:30 pm CDT

Construction Contract Workshop

- Mon, May 8, 2023 | 11:00 am - 2:45 pm CDT
- Tues, May 9, 2023 | 11:00 am - 2:45 pm CDT

Drones in Construction

- Mon, May 8, 2023 | 9:30 am - 4:50 pm CDT

Engineering Ethics and Consequences

- Mon, May 8, 2023 | 1:00 - 2:00 pm CDT

International Building Code 2021

- Wed, May 10, 2023 | 8:30 am - 4:30 pm CDT

ANSI A300 Compliance: Lightning Protection Systems

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The International Code Council has approved this event for .6 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

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Registration

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