

Agenda

Section 1 - Engineered Wood Products: Introduction and Specification (EWP 005/006)

- Develop an understanding of engineered lumber terminology
- Review proper installation methods when using engineered lumber products
- Gain a better understanding of how to properly inspect the framing for manufacture compliance
- Use manufacture literature to properly specify engineered lumber floor systems

Section 2 - Engineered Wood Products: Specification and Inspection (EWP 006/007)

- Utilize both code details and manufacture details to provide clear direction for plan review and proper construction
- Identify what quantifies poor specification, but more importantly identify what constitutes proper specification
- Learn the recommendations of a manufacturer for proper installation and inspection of engineered lumber floor systems
- Use manufacturer-provided literature to find proper details to be used in the inspection of and installation of engineered lumber floor systems
- Identify bad installation through inspection and learn how to remedy issues
- Jobsite photos – Good, bad and ugly

Section 3 - Engineered Wood Products: Load Development (EWP 008)

- Learn how to size I-Joists
- Learn how to size and select structural beams
- Acquire skills needed to apply various framing details and connections used in the engineered lumber products industry

Section 4 – Fire Resistive and Fire Rated Assemblies with Wood (EWP 004)

- Learn the difference between fire-resistive and fire-rated assemblies; addressing and detailing for fire as it relates to building systems
- Learn the facts about engineered wood products and their fire performance
- Exception methods to comply with Section R501.3 of the 2012 IRC. e.; enable a better understanding to apply the appropriate methods and materials discussed
- Fire-rated assemblies with engineered wood products; design to meet this section of the building code

Section 5 – Introduction to Multi-Family Construction Using EWP (EWP 009)

- Develop an understanding of the types of construction classifications and load types
- Understand the common building configuration types
- Learn some of the typical construction details regarding this type of construction
- Look into the tools available by most manufacturers when designing multi-family structures

Wrap Up and Review

Engineered Lumber Design and Construction
Manchester, NH - Tuesday, March 26, 2019

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Learning Objectives

You'll be able to:

Identify proper installation methods when using engineered lumber products.

Get tips on properly specifying products, including engineered lumber floor systems.

Learn how to size I-joists and structural beams.

Acquire skills needed to apply various framing details and connections used in engineered lumber products industry.

Learn the facts about fire performance, including the difference between fire-resistive and fire-rated engineered wood assemblies.



Engineered Lumber Design and Construction

Manchester, NH - Tuesday, March 26, 2019



Understand terminology of engineered lumber

Get tips on specifying engineered wood products (EWP)

Discuss the installation and inspection of engineered lumber floor systems

Learn how to size i-joists, structural beams, columns and walls

Identify problems that can arise from improper installation

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CEUs

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