



Description:

This course provides a hands-on overview of setting up and analyzing Cold-Formed Steel (CFS) and wood walls in RISA-3D. Participants will learn how to define wall panels and design rules, assign materials and sheathing, and apply various design methods. This session will demonstrate how to review results such as: chord forces, hold-down reactions, deflections, as well as how to troubleshoot common modeling issues. By the end of the course, attendees will have gained practical skills for accurately integrating CFS and wood walls into a complete RISA-3D analysis workflow.

Learning Type: Virtual (On-Demand)

Price: \$125

Topics Covered:

Cold-Formed Steel Wall Panels

- Wall Panel Editor
- Type 1 Segmented Design

Wood Wall Panels

- Adding openings
- Adding hold downs, straps, and chords
- Auto region generator
- How chord forces are determined

Wall Panel Properties & Design Rules

- Sheathing design criteria
- Plate/chord/stud sizing

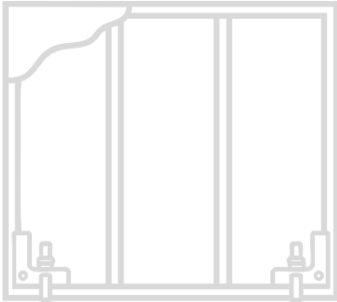
Design Methods

- FTAO vs. Perforated vs. Segmented
- Shear Stiffness Adjustment Factor
- Region vs. FEM deflection
- Comparing results for each method

Benefits of Attending:

- Self-Paced, On-Demand Learning
- Wood & CFS Wall Panel Mastery
- Design Tips
- Examples for Everyday Use

What You Will Learn



CFS vs. Wood Wall Properties



Design Method Breakdown



Reviewing Results



Best Practices for CFS & Wood Walls