

Wood Structural Panels – Floors / Walls / Roofs
1 Hour Specialty
1 Hour Technical
(2009 MRC sections shown – 2009 MBC also included)

- I. Wood Structural Panel Grades
 - A. Definition (R202)
 - B. Wood Structural Panel layups
 - C. Manufacturing Standards: PS 1, PS 2, and PRP-108
 - D. Performance-Rated Panels
 - E. Bond Classifications
 - F. APA Trademark
 - G. Specialty Panels: MDO/HDO, Rated Sidings, Concrete Forming

- II. APA Installation Recommendations of Wood Structural Panels (with 2009 MRC Requirements)
 - A. Spans and Loading (Table R503.2.1.1(1))
 - B. As Floor Sheathing (Chapter 5)
 - C. As Wall Sheathing (Chapter 6)
 - D. As Roof Sheathing (Chapter 8)
 - E. Wood Structural Panel Box Headers (R602.7.1, Table R602.7.2, Figure R602.7.2)
 - F. Fastening of Panels (Table R602.3(1), Table R602.3(2), ESR-1539)
 - G. Storage and Handling of Panels

- III. Build a Better Home: Principles of Moisture Intrusion
 - A. Discussion of how moisture moves in buildings
 - B. Wall sections with light wood framing
 - C. Proper installation techniques at openings in walls
 - D. Condensation and ventilation requirements (R806)