

**SECTION 06 16 33
WOOD SHEATHING**

PART 1 - GENERAL

1.01 SUMMARY

- A. This Section includes the following:
 - 1. Wall sheathing.
 - 2. Roof sheathing.

1.02 QUALITY ASSURANCE

- A. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship":
 - 1. Plywood.
 - 2. Particleboard underlayment.
 - 3. Hardboard underlayment.
 - 4. Oriented-strand-board.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Stack plywood and other panels flat with spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.01 WOOD PANEL PRODUCTS, GENERAL

- A. Plywood: DOC PS 1.

2.02 WALL SHEATHING

- A. Plywood Wall Sheathing: Exposure 1.
 - 1. Span rating: Not less than 32/16.
 - 2. Thickness: Not less than 15/32".
- B. Oriented-Strand-Board Wall Sheathing: Exposure 1, Structural I sheathing.

2.03 FASTENERS

- A. General: Provide fasteners of size and type indicated.
- B. For wall and roof sheathing panels, provide fasteners with corrosion-protective coating having a salt-spray resistance of more than 800 hours according to ASTM B 117.

2.04 MISCELLANEOUS MATERIALS

- A. Adhesives for Field Gluing Panels to Framing: Formulation complying with APA AFG-01 that is approved for use indicated by manufacturers of both adhesives and panels.
 - 1. Use adhesives that have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

- B. Flexible Flashing: See Section 07 65 13, Laminated Sheet Flashing.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

- A. Securely attach to substrate by fastening as indicated, complying with the following:
1. Table 2304.9.1, "Fastening Schedule," in ICC's "International Building Code" or as otherwise indicated on the Drawings.
- B. Coordinate sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that exclude exterior moisture.
- C. Cut and space edges of panels to match spacing of structural support elements.

3.02 WOOD STRUCTURAL PANEL INSTALLATION

- A. General: Comply with applicable recommendations in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial."
1. Comply with "Code Plus" installation provisions in guide referenced in paragraph above.
- B. Fastening Methods: Fasten panels as indicated below:
1. Wall and Roof Sheathing: Nail to wood framing.
 2. Space panels 1/8" apart at edges and ends.

-END OF SECTION -