



SECTION 06071

PRESSURE-TREATED WOOD PRODUCTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Preservative treatment of lumber and plywood.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry.
- B. Section 06200 - Finish Carpentry.

1.3 REFERENCES

- A. AWPA C1 – All Timber Products – Preservative Treatment by Pressure Processes; American Wood-Preservers' Association.
- B. AWPA C9 – Plywood - Preservative Treatment by Pressure Processes; American Wood-Preservers' Association.
- C. AWPA C31 – Lumber Used out of Contact with the Ground and Continuously Protected from Liquid Water – Treatment by Pressure Processes; American Wood-Preservers' Association
- D. AWPA UC1 and UC2.
- E. AWPA P5 – Waterborne Preservatives; American Wood-Preservers' Association.
- F. AWPA M4 – Standard for the Care of Preservative Treated Wood Products; American Wood-Preservers' Association.
- G. State of Hawaii Local Building Code Standards.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.

- B. Product Data: Treating plant's instructions for use, including requirements for storage, cutting, and finishing.
- C. Preservative Treatment Certification: Treating plant's certification of compliance with specified standards, process employed, and preservative retention values.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect wood products against moisture and dimensional changes, in accordance with instructions from treating plant.

1.6 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's TimberSaver[®] 40, 40-year Transferable Limited Warranty for pressure treated wood.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Provide wood treatment by or under license from Chemical Specialties, Inc., 200 E. Woodlawn Road, Suite 350 - Charlotte, NC 28217. ASD. Tel: (800) 421-8661.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.

2.2 MATERIALS

- A. Dimension Lumber: As specified in Section 06100.
- B. Structural Plywood: As specified in Section 06100.
- C. Finish Lumber and Plywood: As specified in Section 06200.

2.3 PRESSURE TREATMENT OF WOOD

- A. Preservative treatment for above ground use continuously protected from liquid water:
 1. Treatment: TimberSaver[®] 40 in accordance with AWPA C1 and P5.
 2. Use 0.42 lb cu ft. (6.8 kg /cu m) Disodium Octaborate (DOT) retention (0.28 lb/ cu ft. B₂O₃ equivalent) in accordance with AWPA C9, C31 or State of Hawaii building code standards as appropriate plus .0145 lbs. cu.ft. Imidacloprid.
 3. Kiln drying after treatment to 19 percent maximum moisture content for lumber and 18 percent for plywood is recommended.
 4. Treat wood in the following locations:
 - All framing lumber, studs, sill plates, floor joists, roof rafters, trusses, plywood, interior sheathing, furring strips, flooring, moldings and wood trim.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Framing and Sheathing: Comply with installation requirements in Section 06100.
- B. Millwork and Trim: Comply with installation requirements in Section 06200.
- C. Surface treatment of field cuts: All field cuts on members that provide structural support to a permanent structure shall be field treated with TimberSaver solution in accordance with AWPA M4.
- D. All lumber and Plywood treated with TimberSaver 40 must be protected from exposure to the weather during transit and storage. TimberSaver 40 treated products should be stored out of ground contact either indoors or wrapped to protect against exposure to liquid water.

END OF SECTION