

SECTION 06300
WOOD TREATMENT

PART 1 - GENERAL

1.01 WORK INCLUDED

A. Scope:

1. The work required under this Section shall include the treatment of all rough carpentry materials specified under Section 06100 - ROUGH CARPENTRY, as follows:
 - a. Decay and Termite Resistant Wood Treatment.
 - b. Fire Resistant Wood Treatment.

1.02 RELATED WORK

- A. ROUGH CARPENTRY: Section 06100.

1.03 QUALITY ASSURANCE

A. Reference Standards:

1. American Wood Preservers' Association (AWPA):
 - a. Referenced Standards.
2. Federal Specifications (FS):
 - a. Referenced Standards.
3. Underwriters' Laboratories (UL):
 - a. Referenced Standards.

1.04 GUARANTEE

- A. Provide a five (5) year written guarantee against defects in materials and workmanship.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Decay and Termite Resistant Wood Treatment:

1. All lumber and plywood specified for decay and termite resistant treatment shall be pressure treated according to AWPA Standard P-5 and FS TT-W-550.

2. Products: Provide one of the following treatments:
 - a. "CCA"; Hoover Treated Wood Products.
 - b. "Osmose K-33"; Osmose Wood Preserving Co., Inc.
- B. Fire Resistant Wood Treatment:
1. All lumber and plywood specified for fire resistant treatment shall be pressure impregnated with fire retardant products. Such products shall not subject the wood to deterioration when exposed to heat and humidity.
 2. Products: Provide one of the following treatments:
 - a. "Pyro-Guard"; Hoover Treated Wood Products.
 - b. "Osmose Flame Proof"; Osmose Wood Preserving Co., Inc.

PART 3 - EXECUTION

3.01 TREATMENT

- A. Decay and Termite Resistant Wood Treatment: Chemicals shall be applied in a closed cylinder by vacuum-pressure process in strict accordance with manufacturer's instructions and with the approved standards and recommended treating practices as listed in AWPA Standards C2 and C9 or the appropriate AWPA standard covering the commodity treated and as listed in FS TT-W-571.
1. After treatment and before shipment, lumber 2" nominal or less shall be dried to a 15-19 percent moisture content.
 2. Plywood shall be dried after treatment and before shipment to moisture content of 18 percent or less.
- B. Fire Resistant Wood Treatment:
1. Chemicals shall be applied in a closed cylinder by vacuum-pressure in strict accordance with manufacturer's instructions to comply with the requirement for a flame spread of 25 or less with no evidence of significant progressive combustion when tested for 30 minutes duration under the standard test method for Fire Hazard Classification of Building Materials; ASTM E 84; UL 723 and; AWPA C20 and AWPA C27.
 2. Each piece of wood shall bear the mark of Underwriters' Laboratories FR-S Label, indicating compliance with the fire hazard classification.
 3. After treatment and before shipment, all fire treated wood shall be dried to an average moisture content of 19 percent or less.
 4. Surfaces of wood that are to be exposed or painted shall be free from sludge or deposits of salts that would affect its paint ability.

END OF SECTION 06300