
SECTION 06150
WOOD DECKING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:** Structural wood roof decking.
- B. Related Sections:**
 - 1. Section 06185 - Structural Glued-Laminated Timber: Beams for support of wood roof decking.

1.2 SUBMITTALS

- A. Product Data:** Submit product data for wood decking. Include installation instructions and data on fabrication.
- B. Samples:** 24 inches (600 mm) long, showing the range of variation to be expected in appearance of wood decking.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications:** Engage an experienced installer who has completed wood decking installation similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Schedule delivery of wood decking** to avoid extended on-site storage and to avoid delaying the Work.
- B. Keep materials under cover** and dry. Protect from weather and contact with damp or wet surfaces. Provide for air circulation within and around stacks and under temporary coverings.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturer:

1. Manufacturer of nominal 2 x 6 Southern pine decking shall be Structural Wood Systems (1-800-526-9663 - Construction Sales Co., Inc.)
2. Other manufacturers shall be considered upon written request for approval which has been received by the Architect 10 days prior to the date for receipt of bids. Each request shall include the name of the manufacturer, product name, and a list of 5 similar size projects in the area in the past year which the manufacturer seeking approval has provided.

2.2 LUMBER, GENERAL

A. General: Comply with DOC PS 20, "American Softwood Lumber Standard," and with applicable grading rules of inspection agencies certified by ALSC's Board of Review.

B. Inspection Agencies: Inspection agencies, and the abbreviations used to reference them, include the following:

1. NELMA - Northeastern Lumber Manufacturers Association.
2. NLGA - National Lumber Grades Authority (Canada).
3. RIS - Redwood Inspection Service.
4. SPIB - Southern Pine Inspection Bureau.
5. WCLIB - West Coast Lumber Inspection Bureau.
6. WWPA - Western Wood Products Association.

C. Grade Stamps: Provide wood decking with each piece factory marked with grade stamp of inspection agency evidencing compliance with grading rule requirements and identifying grading agency, species, grade, moisture content at time of surfacing, and mill. Apply grade stamp to surfaces that will not be exposed to view.

2.3 WOOD DECKING

D. Nominal Size: 2" x 6".

E. Face Species: Southern Yellow Pine.

F. Face Grade: SPIB #1 grade

G. Face Surface Texture: smooth

H. Edge Pattern: Standard vee.

2.4 FABRICATION

- I. **Fabricate decking** in lengths for controlled random lay-up.

- J. **Factory Stain:** Stain deck in a standard factory color as approved by Architect.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. **Install wood decking** to comply with manufacturer's written instructions and with end joints located according to lay-up indicated. Apply joint sealant between decking and supports and between tongues and grooves at outside wall supports.
 - 1. Nail each course of decking at each support with one nail slant nailed above the tongue and one straight nailed through the face.
 - a. Use 16d nails for 2-inch nominal decking.

3.2 ADJUSTING AND CLEANING

- A. **Repair damaged surfaces** and finishes after completing erection. Replace damaged decking if repairs are not approved by Architect.

3.3 PROTECTION

- A. **Provide temporary waterproof covering** to protect exposed decking before applying roofing.

END OF SECTION