

SECTION 06 18 00  
GLUED-LAMINATED WOOD DECKING

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Wood decking.
- B. Sloped wood decking.

1.2 REFERENCES

- A. ANSI/AITC A190.1 - Standard for Dimensions of Structural Glued Laminated timber.
- B. ASTM D 2559 - Standard Specification for Adhesives for Structural Laminated Wood Products for Use Under Exterior (Wet Use) Exposure Conditions.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Technical data indicating compliance with specifications and standards.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Certification: Submit certification that the decking size specified will meet the specified design wind pressure and snow loads.
- D. Selection Samples: For each finish product specified, two complete sets of finish samples of the manufacturer's standard stain colors on the specified species and with the specified pattern, size, texture, and finish.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in providing products of the type specified in this section, with minimum of 5 years documented experience with products in use.
- B. Manufacturing Standard: Conform to ANSI/AITC A190.1.
- C. Labeling Requirements: Each length of lumber shall be stamped at the mill indicating certification mark, mill identification, grade name, and inspection certificate. All labels shall be placed on surfaces where it will not be exposed to view when installed.

1.5 PERFORMANCE REQUIREMENTS

- A. Design Wind Pressure: As indicated on the Drawings.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

## 1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Disdero Lumber Co., which is located at: 12301 S. E. Carpenter Dr. ; Clackamas, OR 97015; Toll Free Tel: 800-547-4209; Tel: 503-239-8888; Fax: 503-607-2492; Email:[request info \(gbrinck@disdero.com\)](mailto:gbrinck@disdero.com); Web:[www.lockdeck.com](http://www.lockdeck.com)
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

### 2.2 MATERIALS

- A. Laminated: Decking: Lock-Deck Laminated Decking.
  - 1. Species: Southern Pine.
  - 2. Grade: Decorative.
  - 3. Pattern: Standard Vee.
  - 4. Tongue-And Groove Edges: Center laminations shall be offset and machined to form a tongue and groove on both the edges.
  - 5. Ends: End matched (tongue-and-groove).
  - 6. Random Length Continuous Spans: 6' to 16', shipped in multiples of 1 foot and 1 inch short of nominal.
  - 7. Nominal Size: 3x6.
  - 8. Surface Texture: Smooth Surfaced.
  - 9. Moisture Content: 10% to 12% average, maximum 15%.
  - 10. Laminating Adhesive: Exterior 100 percent waterproof type, meeting ASTM D 2559. Laminated decking shall be cured under pressure using high frequency electronics in a radio frequency (RF) press.
  - 11. Quality Control: Manufactured in accordance with ANSI/AITC 190.1 and certified by an independent inspection agency.
  - 12. Factory Finish - Stain: One coat of factory-applied, oven-dried acrylic, semi-transparent stain with mildewcide/fungicide.
    - a. Color as selected.
    - b. Color shall be number \_\_\_\_\_.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install deck with tongue up on all sloped surfaces.

### 3.4 PROTECTION

- A. Store material on jobsite on blocking which raises material at least 6 inches above the ground. Cover material with vapor barrier with at least 2 inch air space for ventilation.
- B. Protect installed products until completion of project. Cover decking with a single layer of roofing felt, lapped 4 inches minimum, immediately after installation.
  - 1. Use 15 pound felt for slopes 2:12 to 6:12.
  - 2. Use 30 pound felt for slopes over 6:12.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION