

DOCUMENT 06 15 00 – THERMALLY MODIFIED WOOD DECKING

PART 1 GENERAL

1.1 SUMMARY

- A. Document Includes: Thermally modified wood decking.

1.2 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
 - 1. Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder] installer, and related trades.
 - 2. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

1.3 SUBMITTALS

- A. Action Submittals:
 - 1. Product Data: Manufacturer's descriptive data and product attributes.
 - 2. Samples:
 - a. [12] [] inch long decking samples.
 - b. Deck fastener samples.
- B. Closeout Submittals:
 - 1. Maintenance Data: Product data and related information required for Owner's maintenance of products furnished.
 - 2. Extra materials: [] linear feet of each profile.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [2] [] years' experience in work of this Document.
- B. Mockup: Minimum [4 x 8] [] x [] feet. Approved mockup [may] [may not] remain as part of the Work.
- C. Fire Retardant Treated Products:
 - 1. Bear label of recognized independent testing laboratory indicating flame spread rating of 25 or less, tested to ASTM E84.
 - 2. Show no evidence of significant progressive combustion when test is continued for an additional 20 minute period.
 - 3. Flame front shall not progress more than 10-1/2 feet beyond centerline of burners at any time during test.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store, and handle products in accordance with manufacturer's instructions.

1.6 PROJECT CONDITIONS

- A. Do not install products when environmental conditions are outside of manufacturer's recommended limits.

1.7 WARRANTY

- A. Provide manufacturer's 20 year warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by Klaaswood, www.klaaswood.com.
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 REGULATORY REQUIREMENTS

- A. Fire Retardant Treatment; treat products in accordance with AWPAC U1, Category UCFB - Fire Retardant/Exterior.

2.3 MATERIALS

- A. Thermally Modified Wood Decking:
 - 1. Species: Northern Red Oak.
 - 2. Grade: NHLA FAS.
 - 3. Durability Class: 1.
 - 4. Fire hazard classification: Class B, tested to ASTM E84.
 - 5. Profile: [Double groove.] [S4S.]
 - 6. Size: Nominal 5/4 x 6 inches.
 - 7. Surface texture: Smooth.

**** OR ****

- B. Thermally Modified Wood Decking:
 - 1. Species: Southern Yellow Pine.
 - 2. Grade: SPIB Prime Grade C and Better.
 - 3. Durability Class: 1.
 - 4. Fire hazard classification: Class B, tested to ASTM E84.
 - 5. Profile: [Double groove.] [S4S.]
 - 6. Size: Nominal 5/4 x 6 inches.
 - 7. Surface texture: Smooth.

2.4 ACCESSORIES

- A. Deck Fasteners:
 - 1. Type: Concealed deck fasteners designed to secure two adjacent boards with uniform spacing between while allowing for thermal movement.
 - 2. Screws: Type and size as required by conditions of use; stainless steel.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Secure decking to each support with deck fasteners at each support.

END OF DOCUMENT