

SECTION 06 04 00 ARCHITECTURAL WOODWORK 3-PART SPECIFICATION FOR

SHINNOKI PREFINISHED WOOD VENEER PANELS

GENERAL NOTES TO SPECIFIER:

THIS SPECIFICATION SECTION HAS BEEN PREPARED TO ASSIST DESIGN PROFESSIONALS IN THE PREPARATION OF PROJECT OR OFFICE MASTER SPECIFICATIONS. IT FOLLOWS GUIDELINES ESTABLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE, AND THEREFORE MAY BE USED WITH MOST MASTER SPECIFICATION SYSTEMS WITH MINOR EDITING.

EDIT CAREFULLY TO SUIT PROJECT REQUIREMENTS. MODIFY AS NECESSARY AND DELETE ITEMS THAT ARE NOT APPLICABLE. VERIFY THAT REFERENCED SECTION NUMBERS AND TITLES ARE CORRECT. (NUMBERS AND TITLES REFERENCED ARE BASED ON *MASTERFORMAT*, 2004 EDITION).

THIS SECTION ASSUMES THE PROJECT MANUAL WILL CONTAIN COMPLETE DIVISION 1 DOCUMENTS INCLUDING SECTIONS 01 25 13–PRODUCT SUBSTITUTION PROCEDURES, 01 33 00–SUBMITTAL PROCEDURES, 01 62 00–PRODUCT OPTIONS, 01 66 00–PRODUCT STORAGE AND HANDLING REQUIREMENTS, 01 74 00–CLEANING AND WASTE MANAGEMENT, 01 77 00–CLOSEOUT PROCEDURES, AND 01 78 00–CLOSEOUT SUBMITTALS. CLOSE COORDINATION WITH DIVISION 1 SECTIONS IS REQUIRED. IF THE PROJECT MANUAL DOES NOT CONTAIN THESE SECTIONS, ADDITIONAL INFORMATION SHOULD BE INCLUDED UNDER THE APPROPRIATE ARTICLES.

THIS IS A PROPRIETARY SPECIFICATION.

NOTES TO THE SPECIFIER ARE CONTAINED IN BOXES AND SHOULD BE DELETED FROM FINAL COPY.

GREY HIGHLIGHTED GREEN TEXT AND NOTES RELATE TO LEED® PROJECTS AND CAN BE DELETED IF THE PROJECT IS NOT INTENDED TO ATTAIN LEED® CERTIFICATION. CREDIT REFERENCES REFER TO LEED® FOR NEW CONSTRUCTION, V2.2.

OPTIONAL ITEMS REQUIRING SELECTION BY THE SPECIFIER ARE ENCLOSED WITHIN BRACKETS, E.G. [35] [40] [45]. MAKE APPROPRIATE SELECTIONS AND DELETE OTHERS.

ITEMS REQUIRING ADDITIONAL INFORMATION ARE UNDERLINED BLANK SPACES, E.G. _____ . **BOLD FACE TYPE** IDENTIFIES OPTIONAL PARAGRAPHS AND FEATURES THAT MAY BE INCLUDED OR DELETED DEPENDING ON PROJECT REQUIREMENTS. CONVERT THE BOLD FACE TYPE TO REGULAR TYPE WHEN INCLUDING THESE PARAGRAPHS OR FEATURES. WHEN DELETING A PARAGRAPH, BE CERTAIN THAT ALL SUBPARAGRAPHS ARE ALSO DELETED.

REVISE FOOTER TO SUIT PROJECT/OFFICE REQUIREMENTS.

ELECTRONIC VERSIONS OF THIS SPECIFICATION UTILIZE AUTOMATIC PARAGRAPH NUMBERING.

WHEN EDITING IS COMPLETE, DELETE ALL TEXT ON THIS PAGE, THEN REMOVE THE SECTION BREAK AT THE TOP OF THE NEXT PAGE TO REMOVE THIS PAGE FROM THE DOCUMENT.

SPECIFICATION BEGINS ON THE FOLLOWING PAGE.

SECTION 06 40 00

Prefinished Wood Veneer Panels

PART 1 - GENERAL

1.01 SUMMARY

SHINNOKI PREFINISHED WOOD VENEER PANELS CAN BE USED IN A VARIETY OF APPLICATIONS. SOME OF THE MORE COMMON USES ARE INDICATED BELOW. DELETE OR ADD FROM THE LISTED ITEMS BELOW AS APPLICABLE.

- A. Section Includes: Shinnoki Wood Veneer used as: [Decorative wainscoting,] [ceiling panels,][interior doors'] [furniture,] [wall panels,] [kitchen systems,] [wall coverings.] [other.] Shinnoki is not suitable for horizontal use in kitchens, bathrooms or similar humid areas.
- B. Related Sections:
1. Division 01: Administrative, procedural, and temporary work requirements.

1.02 REFERENCES

- A. Abbreviations and Acronyms:
1. ANSI: American National Standards Institute.
 2. ASTM: American Society for Testing and Materials.
 3. LEED®: Leadership in Energy and Environmental Design.
- B. Reference Standards: Current edition at date of Bid.
1. US Green Building Council: LEED Green Building Rating System™.

1.03 SUBMITTALS

- A. Reference Section 01 33 00–Submittal Procedures; submit following items:
1. Product Data: For each type of product [, including finishing materials and processes].
 2. LEED® Submittals:
 - a. Credit MR 4.1 – Recycled Content: Receipts for salvaged and refurbished materials used for Project, indicating sources and costs for salvaged and refurbished materials.
 - b. Credit MR 5.1 – Regional Materials Extracted, harvested, recovered or manufactured regionally.
 - c. Credit MR 7 – FSC-Certified Wood: Chain-of-custody certificates for products containing certified wood.
 - d. Credit IEQ 4.1 – Low-Emitting Materials, Adhesives and Sealants: Product data for adhesives and sealants, indicating VOC content of each product used. Indicate VOC content in g/L calculated.
 - e. Credit IEQ 4.4 - Low-Emitting Materials, Composite Wood & Agrifiber Products: Product data for products containing composite wood or agrifiber

products or wood glues indicating that they do not contain urea-formaldehyde resin.

1.04 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer:

- a. Minimum five years experience manufacturing or installing wood veneers.
- b. Maintain documentable quality control program.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Reference Section 01 66 00–Product Storage and Handling Requirements.
- B. Delivery of panels in original packaging not less than 10 days prior to start of installation.
- C. Store materials minimum [6] inches above ground on framework or blocking and protect unused material with weatherproof covering, providing for adequate air circulation.
- D. Do not store seasoned or treated materials in damp location.
- E. Protect edges and corners of sheet materials from damage.
- F. Maintain an ambient temperature exceeding 65 degrees Fahrenheit and 40-60% relative humidity during the conditioning period.
- G. Unfinished material shall be stored out of direct sunlight.

1.06 WARRANTY

- A. Decospan NV warrants that Shinnoki prefinished wood veneer panels are free from defects in materials and workmanship at the time of delivery. The full warranty is available at www.shinnoki.com.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Acceptable Manufacturer: Decospan NV, Menen Belgium
Supplied by Hardwoods Specialty Products, Todd Graham,
tgraham@hdidist.com, (206)496-8598

1. Substitutions: Not Permitted

2.02 MATERIALS

A. Shinnoki Prefinished Wood Veneer Panels

1. Species: [Color Name]
 - a. Lauraceae
 - 1) Stone Triba
 - 2) Mineral Triba
 - 3) Cinnamon Triba
 - b. Limba
 - 1) Dusk Frake
 - c. Ash
 - 1) Chalk Ash
 - d. American Walnut
 - 1) Frozen Walnut
 - 2) Stardust Walnut
 - 3) Granite Walnut
 - 4) Smoked Walnut
 - e. Oak
 - 1) Raven Oak
 - 2) Natural Oak
 - 3) Ivory Oak
 - 4) Milk Oak
 - 5) Desert Oak
 - 6) Manhattan Oak
 - 7) Chocolate Oak
2. Splicing Method: Mixmatch splicing
3. Size: 4' x 9'
4. Thickness:

19mm panel. One or two sided panels. (The single-sided panels have a backing of technical veneer which is stained and lacquered to ensure a reasonably match with the front side in order to guarantee stability as well as a perfect protection against moisture.

 - a. 1mm laminate. (Backing made up of several phenolic resin impregnated core layers: 0.4 mm. Top layer of prefinished wood veneer: 0.6 mm)
5. Finish: Six layers of UV lacquer, applied by a roller and intermediately cured. Sheen level of 10% +/- 3%

B. Accessory Materials:

1. Edge Tape
 - a. Prefinished 0.6mm veneer edge tape
 - b. ABS edge tape
 - 1) 1 mm x 24mm and 48mm

C. Substrates and Balancing Sheets:

1. Wood veneer must be laminated to MDF, Particleboard, Plywood or other suitable substrate.

2. Balancing sheets of similar thickness and material are recommended for balanced construction to prevent warping.
- D. Fabrication: Comply with manufacture's recommendations and fabrication and finishing instructions.
1. All wood veneers will fade or change color with exposure to a strong light source.

NOTE: SHINNOKI PREFINISHED WOOD VENEER PANELS SHOULD NOT BE USED IN ANY EXTERIOR APPLICATION.

PART 3 - EXECUTION

3.01 EXAMINATION:

- A. Examine existing conditions to determine that they are suitable for installation.

3.02 INSTALLATION:

- A. Precondition materials for a period of 5-7 in the environment that they will be fabricated in.

3.03 CLEANING:

- A. Clean surfaces in accordance with the manufacturer's instructions.

END OF SECTION¹