



Bamboo

Evolutions™

Construction Document 09 6223 Bamboo Flooring

All references included in this document refer to USFContract as the product manufacturer. Natural Bamboo® is a trade brand name represented under the exclusive control of USFloors Inc.

PART 1: GENERAL

1.1 QUALITY ASSURANCE

A. QUALIFICATIONS

1. Manufacturer Qualifications:

- a. Minimum 10 years of experience in manufacturing and distributing bamboo flooring of the type specified.
- b. Manufacturer must have legal right to the patented process and glues used in the production of specified bamboo flooring.
- c. Manufacturer uses best practices of environmental stewardship in harvesting, milling, and shipping

2. Installer Qualifications:

- a. Minimum three years of experience in hardwood flooring installation
- b. National Wood Flooring Association Certified Professional

B. RELATED DOCUMENTS

1. Responsibility and submittal of drawings and general provisions of the contract is the responsibility of the general contractor and the flooring contractor, including general and supplemental conditions
2. Submittals of USFContract printed product data, test reports and installations- Included shall be materials, finishes, required substrate preparation, adhesive and accessories
3. Two samples of product to be submitted to illustrate product shade, design and finish samples are the standard for materials installed
4. Submittals of sustainable practices and materials as outlined in USGBC – LEED credit documentation. Referred credit review for this specifications document include but are not limited to:
 - (1) MR Recycled Content
 - (2) MR Rapidly Renewable Materials
 - (3) EQ Low Emitting Materials
5. Submittal of IAQ Certification UL GREENGUARD Gold

C. DELIVERY, STORAGE, AND HANDLING

1. Materials delivered in the original packages, with seals unbroken, bearing USFContract labels indicating product identification
2. Store bamboo flooring on flat surface in accordance with USFContract handling instructions, to prevent damage and loss, store in secure climate controlled space
3. Custody and disposal of all materials must comply with requirements of local authorities having jurisdiction

D. SITE CONDITIONS

1. Do not deliver or install planks until all trowel trades are completed, building is enclosed and weather tight, and permanent heating, air conditioning, ventilating and lighting are installed and operating.
2. Move product into installation area at least seventy-two hours prior to installation for acclimation
3. Install flooring subsequent to finishing operations ; including painting
4. Cover areas of flooring where contractor traffic may occur after installation to protect from damage
5. Maintain temperatures and humidity in accordance to USFContract installation procedures

E. WARRANTY

1. Warranty statement of products in a commercial application in accordance to specific applications and exclusions. Refer to USFContract product specification guide.

PART 2: PRODUCTS

2.1 MANUFACTURER

USFContract
The Commercial Division of USFloors Inc.
3580 Corporate Drive
Dalton, GA 30721 USA
www.USFContract.com | 877.292.4044

2.2 MATERIALS

- A. Acceptable Product: BAMBOO EVOLUTIONS™
1. BSWL100P37 PERLINO
 2. BSWL101P02 SORREL
 3. BSWL101P26 SEAL BROWN
 4. BSWL101P30 GRULLO
 5. BSWL101BMP00 BRINDLE
 6. BSWL101HS00 PALOMINO HS
 7. BSWL101HSP01 BLACK BUCKSKIN HS
 8. BSWL210P37 CORBOO PERLINO
 9. BSWL210P17 CORBOO ROAN
 10. BSWL200P01 CORBOO BUCKSKIN
 11. BSWL200P11 CORBOO CHESTNUT
- a. PHYSICAL PROPERTIES
- 1) Description 1: Moso6™ Solid Locking Strand Woven Bamboo
 - 2) Description 2: Moso6™ Solid Locking Corboo™
 - 3) Size 5 1/4" x 72" x 1/2"
 - 4) Installation: Glue-less Floating or Glue-Down
 - 5) Profile: Drop and Lock
 - 6) Edge: Micro-beveled edge – slight .2mm eased edge
 - 7) Finish: Endura AR+™ Commercial wear layer
Sealed and cured backs of the plank
- b. HEALTH AND SAFETY
- 1) Flammability: ATSM E 662 Passes NBS Smoke Chamber
 - 2) Critical Radiant Flux: ASTM E 648 Class 1
 - 3) IAQ
 - a) GREENGUARD GOLD Certification
 - b) CARB2012
 - c) CA-CHPS
- c. PERFORMANCE
- 1) Density Impact: ASTM 1037 +2700
 - 2) Abrasion Resistance: ASTM-D4060 Taber Abrasion: Initial Wear Through: >1000 cycles
 - 3) Moisture Content: ASTM D 4442 >6 to <9%
 - 4) Warranty: 15-year commercial-Lifetime structural
- B. Acceptable Product: BAMBOO EVOLUTIONS™ multi-width
12. BSWL301AP00 BRINDLE 3W
 13. BSWL301P01 BAY 3W
 14. BSWL301HSP02 RED TAFFY 3W
- a. PHYSICAL PROPERTIES
- 1) Description 1: Moso6™ Solid Locking Strand Woven Bamboo
 - 2) Description 2: Moso6™ Solid Locking Corboo™
 - 3) Size 5 1/4" x 72" x 1/2"
 - 4) Installation: Glue-less Floating or Glue-Down
 - 5) Profile: Drop and Lock
 - 6) Edge: Micro-beveled edge – slight .2mm eased edge
 - 7) Finish: Endura AR+™ Commercial wear layer
Sealed and cured backs of the plank
- b. HEALTH AND SAFETY
- 1) Flammability: ATSM E 662 Passes NBS Smoke Chamber
 - 2) Critical Radiant Flux: ASTM E 648 Class 1
 - 3) IAQ
 - a) GREENGUARD GOLD Certification
 - b) CARB2012
 - c) CA-CHPS
- c. PERFORMANCE

- 1) Density Impact: ASTM 1037 +2700
 - 2) Abrasion Resistance: ASTM-D4060 Initial Wear Through: >1000 cycles
 - 3) Moisture Content: ASTM D 4442 >6 to <9%
 - 4) Warranty: 15-year commercial-Lifetime structural
- B. Substitutions: Not Permitted
- C. Requests for substitutions will be considered with provisions of Section 01600

PART 3: EXECUTION

3.1 EXAMINATION

- A. Examine substrates prior to installation per Manufacturer's instructions
 1. In multiple story buildings, test each floor level mark test location(s) on As-Built Drawings
- B. Verify that HVAC system is operating and maintaining occupancy level temperature and humidity conditions.
- C. If either of the above requires attendance, coordinate with responsible entity to correct unsatisfactory conditions.
- D. Notify general contractor in writing of any discrepancies in the substrate

3.3 INSTALLATION

- A. Acclimate materials a minimum of seventy-two hours prior to installation
- B. Compare submitted flooring or mock-up to ensure installation of proper materials
- C. Install on concrete substrate in accordance with in accordance with USFContract recommendations, by skilled artisans under the direction of an experienced and competent supervisor or supervisor.
- D. Installing on underlayment-grade plywood and fabricated board substrates in accordance with in accordance with USFContract recommendations, by skilled artisans under the direction of an experienced and competent supervisor or supervisor.
- E. Inspect material for imperfections during installation

3.4 CLEANING AND PROTECTION

- A. Remove visible adhesive and other surface blemishes using cleaner as recommended.
- B. Do not wash floor for at least five days following installation
- C. When the bamboo flooring sufficiently seats (in no case less than five days), clean in accordance with USFContract written directions.
- D. Should the floors become dirty or damaged prior to final acceptance by the Owner, they shall be repaired, cleaned, refinished, or replaced as required so that the Owner will receive floors ready for occupancy without additional cleaning before using.

3.5 MAINTENANCE

- A. The General Contractor shall supply original copies of all bamboo flooring cleaning and maintenance information provided by USFContract. The Owner's maintenance personnel must receive this information upon completion of work.