

**CSI 3-Part Product Specification**  
AMBIENT SPC RIGID CORE LUXURY VINYL CLICK-LOCK  
**SECTION 09 62 23**

6 Pages

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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.

PLEASE CAREFULLY EDIT TO SUIT YOUR PROJECTS SPECIFICATIONS. ADJUST ITEMS AS NECESSARY AND DELETE THOSE THAT DO NOT PERTAIN. VERIFY THAT THE REFERENCED SECTION NUMBERS AND TITLES ARE CORRECT. BECAUSE OF THE VARIATION IN SPECIFICATION SYSTEMS CURRENTLY IN USE, ARTICLE AND PARAGRAPH NUMBERS AND TILES MAY DIFFER SOMEWHAT THAN WHAT'S PRESENTED HEREIN.

IF THE PROJECT MANUAL DOES NOT CONTAIN THE NECESSARY SECTIONS, ADDITIONAL INFORMATION SHOULD BE INCLUDED UNDER THE APPROPRIATE ARTICLES OR ATTACHED TO THE END OF THE DOCUMENT LABELED WITH THE CORRECT SUB-HEADINGS.

**PART 1 – GENERAL**

**1.01 SUMMARY**

A. Ambient's SPC Rigid Core Luxury Vinyl Click-Lock must be installed by the floating method. Any accessories - such as thresholds, reducers, and other moldings - should be installed by the glue down method. Please consult the "Moldings Installations Notes" section of the installation guide before beginning the glue-down process.

**1.02 SUBMITTALS**

A. Submit following items:

1. Samples:
  - a. 6 or 12 inch long piece of flooring plank, with the supplier/manufacturer identified.
  - b. One of each specified accessory, minimum 4 inches long.
2. Shop Drawings: Include direction of flooring, fastening method to be used, patterns and transition accessories. Include large scale details of accessories and details of all transitions.
3. Product Data:
  - a. Flooring Specification Sheet. Include:
    1. Finish specs: finish type, composition and manufacturer
    2. Material Safety Data Sheet (MSDS)
    3. Manufacturer's installation guidelines and installation requirements
    4. NWFA Technical Reference Manual
  - b. Accessories. Include:
    1. Finish specs

2. Accessory profiles
- c. Installation adhesive: non required
- d. Warranty
4. Quality Assurance/Control Submittals:
  - a. Qualifications: Proof of installers' qualifications.
  - b. Manufacturer's Installation Guidelines.

- B. Closeout Submittals: submit following items:
1. Maintenance instructions.
  2. Warranty information.

### 1.03 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer Qualifications:
  - a. Minimum 10 years experience in manufacturing and distributing vinyl flooring.
  - b. Proof of legal right to provide product.
  - c. Member: U.S. Green Building Council, National Wood Flooring Association
2. Installer Qualifications:
  - a. Minimum three years experience in vinyl flooring installation.

B. Pre-Installation Meeting:

1. Convene meeting at project site within one week of scheduled start of installation with representatives of the following in attendance: Architect, Owner, General Contractor, and Sub-Contractor.
2. Review project/site conditions, requirements of related work, requirements for operation of HVAC system, installation guidelines, storage and handling procedures, and protection measures.
3. Keep minutes of meeting including responsibilities of various parties and deviations from specifications and guidelines for installation.
4. Distribute minutes to attendees within 48 hours.

### 1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver flooring to project site in original boxes.
- B. Allow no less than 5-14 days prior to start of installation for flooring to arrive.
- C. Check manufacturer installation guide for detailed acclimation instructions. Let the flooring acclimate to site conditions accordingly.

### 1.05 PROJECT/SITE CONDITIONS

- A. Environmental Requirements: Room temperature and humidity of all installation spaces, flooring recommended at normal occupancy (35% - 55% humidity), room temperature (60 - 70 degrees F) for a minimum of 72 hours prior to installation. HVAC systems must be operational and controlling site temperature and humidity.

### 1.06 WARRANTY

- A. Warranty for SPC Rigid Core Luxury Vinyl Click-Lock:

1. Ambient Residential Structural Warranty: Lifetime warranty against de-lamination, separation, buckling or cupping as a result of a manufacturing defect. Please see [www.AmbientBP.com](http://www.AmbientBP.com) for our current product warranty.
2. Ambient Commercial Structural Warranty: 15 years against de-lamination, separation, buckling or cupping as a result of a manufacturing defect. Please see [www.AmbientBP.com](http://www.AmbientBP.com) for our current product warranty.
3. Ambient Residential Finish Warranty: Lifetime against wear through to the underlying flooring or separation from the flooring as a result of a manufacturing defect. Please see [www.AmbientBP.com](http://www.AmbientBP.com) for our current product warranty.
4. Ambient Commercial Finish Warranty: 5 years against wear through to the underlying flooring or separation from the flooring as a result of a manufacturing defect. Please see [www.AmbientBP.com](http://www.AmbientBP.com) for our current product warranty.

## PART 2 – PRODUCTS

### 2.01 MANUFACTURER

- A. Ambient Bamboo Products (Phone: 800-710-7070)  
8230 Preston Court Unit C (Fax: 301-498-0238)  
Jessup, MD 20794 (Email: [info@AmbientBP.com](mailto:info@AmbientBP.com))  
Website: <http://www.AmbientBP.com>
- B. SPC Rigid Core Luxury Vinyl Click-Lock Flooring Type:
  1. Vinyl click-lock flooring with uv-cured acrylic urethane finish laminated to a high quality vinyl print over an SPC rigid core and 1mm IXPE acoustical underlayment bottom layer.
    - a. Color: several options
    - b. Thickness: 3/16" (5mm) with 20 mil wear layer
    - c. Joint: Click Lock.
    - d. Edges and ends: micro bevel.
- C. Substitutions: None Permitted

### 2.02 MATERIALS

- A. SPC Rigid Core Luxury Vinyl Click-Lock:
  1. Species: N/A.
  2. Size: 4 ft (1220 mm) long  
7-1/2 in (183 mm) wide  
3/16 in (5 mm) thick
  3. Milling: Click lock interlocking system
  4. Finish: UV cured polyurethane, solvent free, non-off gassing 10-Coat Factory Finish with aluminum oxide.
- B. Installation - click-lock floating installation. IXPE-backed flooring is not recommended for glue down installation and is not warranted if installed via this method; however, floors backed with cork underlayment are warranted for glue down installation.
- D. Subfloors: no specific sub-floors required. Subfloor shall be checked for flatness prior to installation, low spots and voids shall be filled to a minimum of 3/16" in a 10 ft. radius or 1/8" in a 6 foot radius. Surface should be smooth, clean and free of debris or protruding fasteners.

## 2.03 ACCESSORIES

- A. Stair Treads: Match flooring grain, color, and finish. 1220 mm x 292 mm x 25 mm.
- B. Stair Buckle: Match flooring grain, color, and finish. Available in grey or black.
- C. Stair Nosing: Match flooring grain, color, and finish. 2400 mm x 50 mm x 30 mm.
- D. Reducer: Match flooring grain, color, and finish. 2400 mm x 45 mm x 8 mm.
- E. T-Molding: Match flooring grain, color, and finish. 2400 mm x 45 mm x 8 mm.
- F. Baby Threshold: Match flooring grain, color, and finish. 2400 mm x 30 mm x 5.5 mm.

## PART 3 – EXECUTION

### 3.01 EXAMINATION

- A. Examine substrates upon which the flooring will be installed.
  - 1. Verify that the subfloor is clean, dry, and free of contaminants or protruding fasteners.
  - 2. Test subfloor for moisture vapor emissions using a Calcium Chloride or equivalent test. Do not install flooring if vapor pressure exceeds 3 lbs per 1,000sf (15g per m<sup>2</sup>) within a 24 hour period.
    - a. In multiple story buildings, test each floor level scheduled to receive vinyl flooring.
    - b. Mark test location(s) on As-Built Drawings.
- B. Verify that HVAC system is operating and maintaining an occupancy level temperature and humidity conditions.
- C. Coordinate with responsible entity to correct unsatisfactory installation conditions.
- D. Commencement of work by installer is considered an acceptance of substrate conditions.
- E. Prior to installation, the installer shall examine all material and determine that it matches the work order.

### 3.02 PREPARATION

- A. Please reference the Installation and Maintenance Guidelines.
- B. Acclimatization: Open flooring boxes, remove shrink wrap and foam packing at a minimum of 48 hours prior to start of installation.
- C. Grind and or fill subfloor using methods and materials appropriate to the subfloor construction to eliminate humps and depressions.
- D. To ensure the best results, work out of several boxes simultaneously to avoid installing like planks together.

### 3.03 INSTALLATION

- A. Please reference the Installation and Maintenance Guidelines.
- B. Lay flooring perpendicular to the flooring joists or in the direction(s)/pattern(s) as shown on Drawings.
- C. Accessories: Install using methods appropriate to the accessory and flooring system.

### 3.04 CLEANING

- A. Clean products according to maintenance instructions.

### 3.05 PROTECTION

A. Cover already installed floors with heavy paper or cardboard to keep debris from foot traffic from damaging floor, but for no longer than 14 successive days to avoid discoloration. Tape together if necessary. (please note the only tape approved for use on our floors and moldings is 3M/Scotchguard #2080 tape)

END OF PRODUCT SPECIFICATION