



Southern
FLOORING, INC.



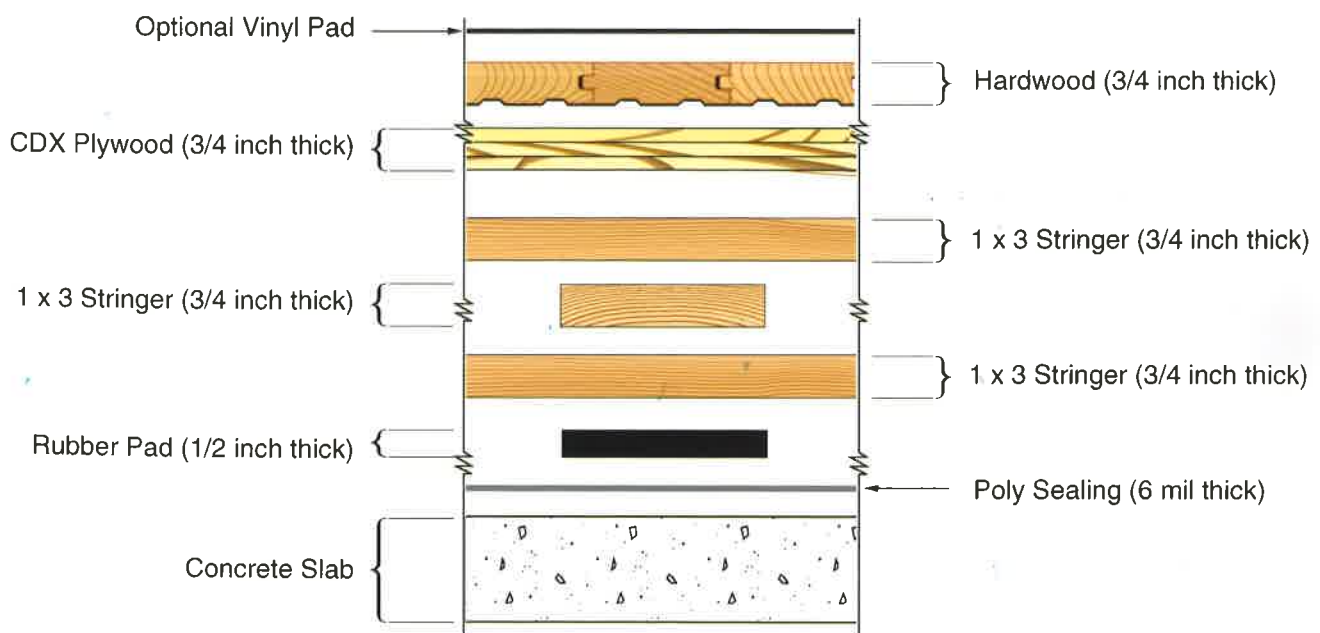
SOUTHERN *Ballet* SYSTEM



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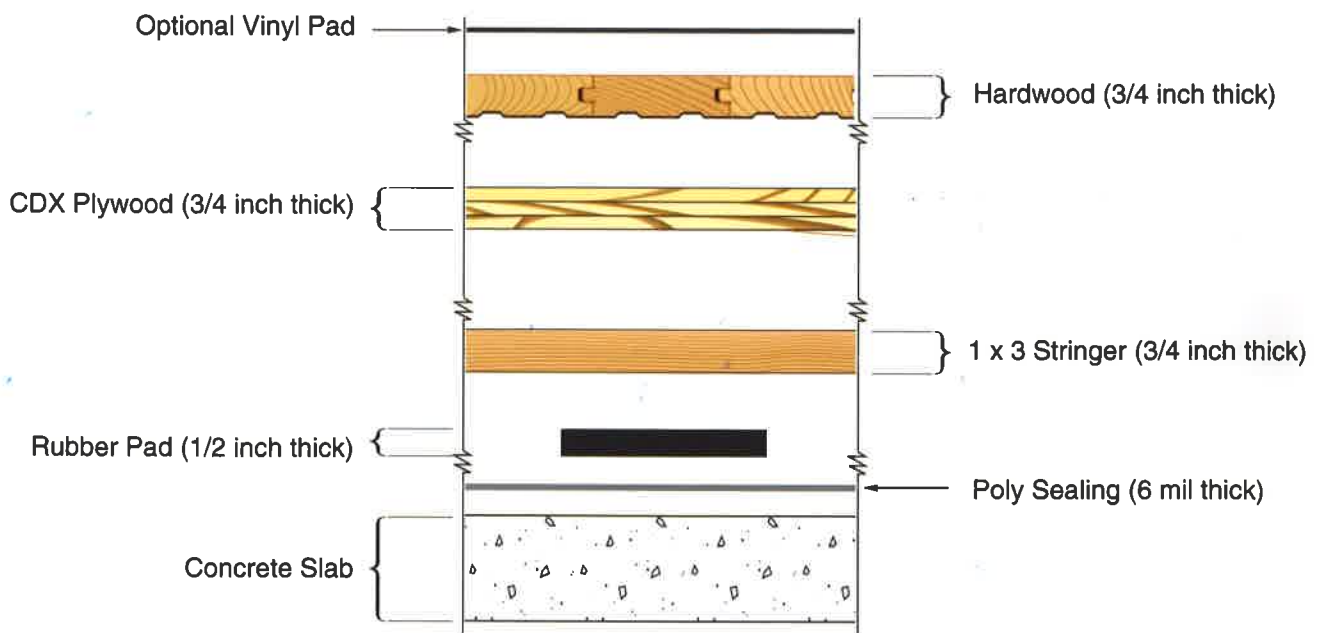
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SOUTHERN *Ballon* S1 SYSTEM



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Part 1 - General Information

1.1 DESCRIPTION

A. This document specifies a floor system consisting, in general, of wood sub-flooring, maple flooring, 1/2" rubber pads, vapor barrier, sanding, sealers, finishes, and wall base.

B. The general contractor shall provide a concrete slab smooth troweled and level to a tolerance of 1/8" in a 10'0" radius, subject to the approval of the wood flooring contractor. LABOR AND MATERIALS NECESSARY TO PUT THE CONCRETE SLAB IN ACCEPTABLE CONDITION (HIGH AREAS GROUND DOWN AND LOW AREAS FILLED WITH THE APPROVED LEVELING COMPOUNDS) SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR

1. Concrete slab depression shall be:
4-1/4" for Southern Ballon System
2-3/4" for Southern Ballon S1 System

2. Concrete subfloors on or below grade shall have an adequate moisture barrier beneath and at the perimeter of the slab and on the earth side of below grade wall.

1.2 SUBMITTALS

A. General: Submit the following according to Conditions of Contract and Division 1 Specification Sections.

1. Product data including manufacturer's detailed technical product data and instructions for installation, handling, storage, moisture protection, anchorage, finishing, protection and maintenance.

2. Shop drawings showing layout and installation details including method of attachment, proofing, substrate conditions, method of construction, relationships to surrounding construction, perimeter venting, base and trim details and other information and components not fully dimensioned or detailed in manufacturer's product data. Include layout, colors, and markings.

3. Samples of flooring finish together with color chips.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: Installer shall have a minimum of 7 years experience with product as well as manufacturer.

B. Single-Source Responsibility for Flooring System: Engage a qualified Installer for the panel flooring system to assume undivided responsibility for installing the complete flooring system, including (where applicable): moisture barrier, anchorage system, sleepers (or channels), sub flooring or underlayment, adhesives or mastics, resilient mounts, flooring, trim, expansion provisions, finish, markings and other accessory items indicated.

C. General Standard: Comply in accordance with the Maple Flooring Manufacturing Associations (MFMA) standards and recommendations for flooring including grading rules.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Protect wood flooring from excessive moisture in shipment, storage and handling. Deliver in unopened cartons or bundles and store in a dry place, with adequate air circulation. Do not deliver material to building until "wet work" such as concrete and plaster have been completed and cured to a condition of equilibrium.

B. Moisture Content: At time of delivery to Project, maintain 6 to 9 percent average moisture content

1.5 PROJECT CONDITIONS

A. Conditioning: Do not proceed with delivery and installation of wood flooring until spaces to receive flooring are enclosed, dry and maintained at approximately same humidity condition as planned for occupancy. Place wood flooring materials in spaces to be floored 7 days before starting installation. Open sealed packages of wood flooring to permit natural adjustment of moisture content. Maintain ambient temperature in range of 55°F to 75°F and a relative humidity range of 35 to 50 percent before, during, and after installation of wood flooring.

Part 2 - Products

2.1 MATERIALS

A. Flooring

1. Flooring shall be 33/32" or 25/32" thick x 2-1/4" or 1-1/2" wide, First, Second and Better or Third Grade, continuous tongue and groove and end matched Northern Hard Maple, graded in accordance with MFMA or NOFMA.

B. Vapor barrier shall be 6 mil polyethylene.

C. Pads shall be 1/2" rubber pad as supplied by Southern Flooring, Inc.

D. Wall Base shall be 3" x 4" Gym Cove heavy duty molded, vented vinyl base with premolded outside corners.

E. Finish material shall be Atlantic Coast Coatings Seal and Finish.

F. Fasteners

1. Flooring fasteners shall be 2" barbed cleat or 15 gauge epoxy coated staples.

Part 3-Execution

3.1 INSPECTION

A. Inspect concrete slab for proper tolerance and dryness, and report any discrepancies to the general contractor.

B. The concrete slab shall be free of all debris so flooring contractor will have adequate access to work surface.

3.2 INSTALLATION

A. Cover concrete with 6 mil poly sealing and lapping joints a minimum of 6 inches.

B. Attach pads 12 inches on center to the first layer of 1 x 3 stringers. **(Southern Ballon S1 System will consist of only one row of 1 x 3 stringers.)**

C. Place the first row of 1 x 3 stringers (pads attached) towards the concrete slab and place them 16 inches apart on center. Perpendicular to the direction of the finished flooring

D. Attach the second layer of 1 x 3 stringers perpendicular to the first layer and 16 inches apart on center with 1-1/2 inch staples. **Not included with Southern Ballon S1 System**

E. Attach the third layer of 1 x 3 stringers parallel but 8" offset to the first layer and 16 inches apart on center with 1-1/2 inch staples. **Not included with Southern Ballon S1 System**

F. Attach one layer of 3/4 inch CDX plywood parallel with the top layer of 1 x 3 stringers. Fasten 8 inches on center with 1-1/2" staples.

G. Install finished flooring perpendicular to the plywood. Fasten every 10 to 12 inches.

1. Space joints at intervals between flooring strips to allow for intermediate expansion as designed by the installer and in accordance with humidity controls in the region.

2. Provide 1-1/2" expansion voids at perimeter and all vertical obstructions.

3.3 FLOOR SANDING

A. Machine sand with coarse, medium and fine paper to a smooth, even and uniform surface.

B. Remove sanding dust from entire surface by tack or vacuum.

C. Refer to MFMA sanding and finishing guide for procedures.

3.4 FINISHING

A. Inspect entire area of floor to insure that surface is acceptable for finishing, completely free from sanding dust and perfectly clean.

B. Apply seal and finish per manufacturer's instructions.

C. Buff and clean floor between each coat.

D. Paint game lines as shown on drawings, between seal and first coat of finish.

E. Game line paint shall be compatible with finish.

3.5 BASE INSTALLATION

A. Install vent cove base to walls with base cement or screws. Use premolded outside corners and mitered inside corners.

3.6 MAINTENANCE

A. Upon completion of floor installation, the owner, attendants or individuals in charge and responsible for the upkeep of the building are to see that the care and maintenance instructions of the Care Card are followed.

3.7 WARRANTY

A. Southern Flooring, Inc. warrants its installations for a period of one (1) year from the date of substantial completion against defects arising due to faulty materials or workmanship.

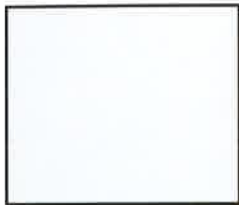
B. This warranty does not cover damage caused by fire, winds, floods, chemicals or neglect of reasonable precaution to provide adequate ventilation during hot and humid weather. This warranty also does not cover damage due to excessive dryness or excessive moisture from humidity, spillage, migration through the slab or wall or any other source. Furthermore, this warranty does not cover damage to the floors caused by ordinary wear and tear, faulty construction of building, failure of other contractors to adhere to specifications, separation of concrete slab, settlement of walls, or use of water on floor.

Ballon Tru-Step

Ballon Tru-Step roll out vinyl, provides a smooth, slip resistant surface that will add confidence and comfort to every performance. *Ballon* Tru-Step is engineered and produced from materials that will support your stage and studio needs in both permanent and portable applications. Besides the six standard colors shown below, *Ballon* Tru-Step is also available in custom colors. (Additional charges for custom colors apply)

- Non-slip
- Fiber embedded
- 78-1/2" Width

White



Grey



Black



Beige



Shadow



Cocoa



Note - Due to printing and manufacturing limitations, colors may vary.

Ballon Endura-Step

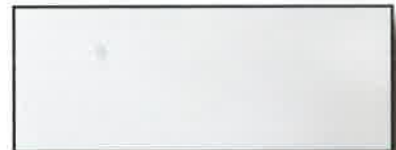
Ballon Endura-Step roll out vinyl, is the ultimate soft step, slip resistant, heavy duty surface. *Ballon* Endura-Step is available in three versatile colors. Perfect for portable and permanent installations.

- Non-slip
- Heavy-duty
- 78-1/2" Width

Slate



Silver Screen



Graphite

