

SECTION 096466 – WOOD ATHLETIC FLOORING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes wood athletic flooring.

1.2 COORDINATION

- A. Owner will be pre-purchasing flooring systems for the dance studios.
- B. Contractor will be responsible for installing all components of the pre-purchased flooring systems, including, but not limited to, the following:
 - 1. “Marley” roll-out vinyl sheet dance floor.
 - 2. Factory-finished hardwood plank flooring.
 - 3. Plywood/OSB subfloor.
 - 4. Pre-cut shock absorbing foam blocks or channels.
 - 5. 6 mil PE sheeting.
 - 6. Vented rubber base.
 - 7. Installations accessories such as tape, adhesive, etc.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For wood athletic flooring and finish systems to include in maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed wood athletic flooring installations similar in material, design, and extent to that indicated for this Project and whose work has resulted in installations with a record of successful in-service performance.
 - 1. Installer responsibilities include installation and field finishing of wood athletic flooring components and accessories.
- B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.
 - 1. Prepare finished mockup of floor area as indicated on Drawings, or if not indicated, as directed by Architect, to set quality standards for sanding.
 - 2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 - 3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect wood from exposure to moisture. Do not deliver wood components until after concrete, masonry, plaster, ceramic tile, and similar wet work is complete and dry.
- B. Store wood components in a dry, warm, well-ventilated, weathertight location and in a horizontal position.

1.8 FIELD CONDITIONS

- A. Conditioning period begins not less than seven days before wood athletic flooring installation, is continuous through installation, and continues not less than seven days after installation.
 - 1. Environmental Conditioning: Maintain an ambient temperature between 65 and 75 deg. F and relative humidity planned for building occupants, but not less than 35 percent or more than 50 percent, in spaces to receive wood athletic flooring during the conditioning period.
 - 2. Wood Conditioning: Move wood components into spaces where they will be installed, no later than beginning of the conditioning period.
 - a. Do not install wood athletic flooring until wood components adjust to relative humidity of, and are at same temperature as, spaces where they are to be installed.
 - b. Open sealed packages to allow wood components to acclimatize immediately on moving wood components into spaces in which they will be installed.

- B. After conditioning period, maintain relative humidity and ambient temperature planned for building occupants.
- C. Install wood athletic flooring after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas and conditions, with Installer present, for compliance with requirements for maximum moisture content, installation tolerances, and other conditions affecting performance of wood athletic flooring.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Broom and vacuum clean substrates to be covered immediately before product installation. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 INSTALLATION

- A. General: Comply with wood athletic flooring manufacturer's written instructions, but not less than written recommendations of MFMA applicable to flooring type indicated.
- B. Pattern: Lay flooring parallel with long dimension of space to be floored, unless otherwise indicated.
- C. Expansion Spaces: Provide as indicated, but not less than that required by manufacturer's written instructions and MFMA's written recommendations at walls and other obstructions, and at interruptions and terminations of flooring.
- D. Installation Tolerances: 1/8 inch in 10 feet of variance from level.

3.4 INSTALLATION PHOTOS

A. The following are photos of comparable installations for the two floor systems:

1. Floor Type AF-1:





2. Floor Type AF-2:





3.5 ACCESSORY INSTALLATION

- A. Provide divider strips at centerline of door openings and where flooring terminates with other floor areas.
- B. Install vent cove base at floor perimeter to cover expansion space in accordance with manufacturer's instructions. Provide molded outside corners and mitered inside corners.

3.6 PROTECTION

- A. Protect wood athletic flooring during remainder of construction period to ensure that flooring and finish are without damage or deterioration at time of Substantial Completion.
 - 1. Cover with heavy kraft paper or other suitable material, secured with non-tacky blue floor tape. Do not use plastic sheet or film that might cause condensation.

2. Do not move heavy and sharp objects directly over wood athletic flooring. Protect surfaces with plywood or hardboard panels to prevent damage from storing or moving objects over wood athletic flooring.

END OF SECTION 096466