

Tarkett Sports

Performance Sports Floor System

PART I - GENERAL

A floating sport floor consisting of vapor barrier, 2 layers of underlayment, Tarkett Sports resilient pads and Tarkett Sports maple flooring.

The concrete slab depression for 25/32" thick maple flooring with Performance system shall be 2-1/2".

PART II - PRODUCTS

Materials

Vapor barrier shall be 6-mil polyethylene.

Resilient Subfloor Pads

Tarkett Sports' 3/4" CoreCushion Pads

Subfloor

Plywood – 2 layers of 15/32" x 4' x 8' APA rated sheeting with an exposure rating of 1.

Subfloor fasteners shall be 1" coated staples or nails.

Maple Flooring

25/32" x 2 1/4" 2nd & Better Grade Northern Hard Maple flooring tongued, grooved and end-matched as manufactured or supplied by Tarkett Sports. Note: thickness, width and grade of flooring material may be altered to suit application. Grading must meet or exceed MFMA or CLA grading guidelines.

Maple Flooring Options:

Sizes – 25/32" x 1-1/2"; 33/32" x 1-1/2"; and 33/32" x 2-1/4"

Grades – First Grade and Third Grade

Flooring fasteners shall be 2" barbed cleats or coated staples.

Wall base shall be 3" x 4" molded vent cove base with premolded corners as supplied by Tarkett Sports.

Alternatives

No alternatives or deviations from specifications allowed without the written consent of an authorized Tarkett Sports representative.

PART III – EXECUTION

Pre-Installation Inspection

Floor installer shall verify slab tolerance of concrete and report any corrections to General Contractor and Architect in writing. Room shall be broom cleaned and free of any foreign material.

Floor installer shall document site and working conditions prior to and during installation. This documentation shall become a part of any warranty and may or may not affect fulfillment of any warranty.

Installation

Cover entire slab with 6-mil polyethylene, sealing and lapping joints a minimum of 6”.

Subfloor

Resilient pads shall be attached to first plywood layer 12” O.C. (32 per sheet) and 6” from plywood edges on all sides. Install first layer of plywood with pads facing down perpendicular to the orientation of the long dimension of the maple flooring and breaking rows by 4’. Allow ¼” spacing between sheets.

The second layer of subfloor material shall be laid diagonally at 45° over the first layer with ¼” spacing on all edges, breaking rows at 4’. Second layer shall be attached using 1” coated staples, or equivalent, at a minimum of 12” O.C.

Option:

Both layers of plywood may be laid at 45° angles (criss cross fashion) to finish flooring.

Tarkett Sports Maple Flooring

Install Tarkett Sports maple flooring parallel with the long dimension of room. Flooring shall be machine nailed or stapled every 10” to 12” O.C. with all end joints properly driven tight.

Expansion joints may be required between flooring strips intermittently throughout the floor. Requirements will be determined by site and geographical conditions.

Provide a minimum 1½” expansion void at all walls and permanent obstructions.

Floor Sanding

Machine sand entire floor with coarse, medium and fine paper to a smooth and uniform surface, free from edger marks and drum drops.

Remove all sanding dust and lint from entire surface by vacuum and/or tack.

Finishing and Gamelines

Inspect entire floor to be sure surface is ready to accept seal/finish. Floor should be free from dust and debris.

Apply seal and finish per manufacturer's label instructions.

Floor shall be buffed, cleaned and tacked between coats. With water-based finish the floor does not need to be buffed between coats if the next coat of finish is applied within 6 hours of the previous coat.

Gamelines – apply game lines and logos as indicated by drawings. Paint shall be compatible with finish.

Base Installation

Install vent cove base with cove base adhesive and/or mechanical attachment to walls. Use pre-molded outside corners and mitered inside corners.

Documentation

Provide job condition documentation to owner with any warranties.

Part I – General Specifications

Description

Related Work

Concrete Substrate – Section 03300

The concrete contractor shall furnish and install the concrete substrate depressing the slab in relation to surrounding areas in order to accommodate the floor system. The slab shall be smooth troweled and finished to a tolerance of 1/8" in a 10' radius. High spots shall be ground and low spots shall be filled with an approved leveling compound by the concrete contractors to meet the full approval of the floor installer.

Waterproofing Membrane – Section 07100

Concrete subfloor at or below grade shall be adequately vapor-proofed and/or waterproofed beneath the slab and at the perimeter of below grade walls by the general contractor using a suitable type membrane.

Thresholds – Section 08700

Thresholds or transitional entryways shall be designed and installed to adequately accommodate the expansion and contraction of the wood floor system. Thresholds and transitionways shall be installed by the flooring contractor.

Game Standard Inserts – Section 11500

References

MFMA Maple Flooring Manufacturers Association

CLA Canadian Lumberman's Association

Tarkett Sports Product Specifications

Quality Assurance

Manufacturer – Manufacturer of athletic flooring shall be Tarkett Sports.

Flooring Contractor/Installer –

The installation of the floor system described in these specifications shall be completed by a firm familiar with the requirements of the system specified and authorized in writing from the manufacturer, Tarkett Sports, to be an authorized installation firm.

Submittals

Submit Tarkett Sports specification sheets and shop drawings as required.

Samples – submit the required number of samples of the Performance System as requested by the owner/architect.

Maintenance Guidelines – upon completion of floor send a Tarkett Sports Maintenance Guide to the owner. This guide will explain the Proper HVAC and building maintenance requirements as well as floor cleaning and servicing guidelines to assure proper floor performance and longevity.

A Tarkett Sports identification marker must be installed in a corner of the floor to verify authenticity of the flooring system and to initiate any warranties

Working Conditions

The wood flooring and its components specified herein shall not be delivered or installed until all wet trades and overhead work is completed. This includes all masonry, painting, plaster, tile, marble and terrazzo, as well as all overhead mechanical trades. The building shall be fully enclosed and weather tight and all permanent windows and doorways shall be installed. Permanent heating and air conditioning shall be installed and working in accordance with building occupation requirements.

The concrete substrate shall be determined fully cured by industry standards. It shall be free of all foreign materials and broom clean when turned over to the floor installer. Permanent HVAC units for the building shall have been operating a minimum of one week prior to floor installation start up.

During and after installation, building HVAC and lighting systems shall maintain a temperature and humidity range compatible with the expected high and low moisture content range of the flooring. The floor installer, based on the building's HVAC control and geographical situation, shall determine this range.

Flooring must be stored on site in a dry, well-ventilated area while acclimating to site conditions. Moisture content of wood shall be consistent with the ambient conditions of the building as it will be maintained when occupied.

Warranty and Disclaimer

Tarkett Sports hereby warrants the materials, it has supplied to be free from manufacturing defects for a period of 10 years. **THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

This warranty is limited to the materials manufactured by and supplied by Tarkett Sports. THIS WARRANTY EXCLUDES ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES and, in the event of breach, Tarkett Sports's sole liability and your exclusive remedies will be limited to repair or replacement of material and components supplied by Tarkett Sports and proven to be defective by the manufacturing process.

During the warranty period, the floor shall not be recoated without the approval of the flooring contractor.

The jobsite documentation forms by the flooring contractor shall become a part of the warranty and both the owner and flooring contractor shall retain record of said forms as a permanent reference for any abrogation.

Flooring contractor warrants the installation of the floor systems to be free from defects in materials and workmanship for a period of two years.