

1. SUBMITTALS

- a) Submit three Flexlock specifications.
- b) Submit one sample of Flexlock systems.
- c) Submit three copies of maintenance data for the sport finish as recommended by Tarkett Sports.

2. DELIVERY, STORAGE, & HANDLING

Materials shall not be delivered, stored, or installed until all H.V.A.C., masonry, painting, plastering, tile work, marble, and terrazzo work is completed and all overhead mechanical work, lighting, backstops, scoreboards are installed. Ideal storage/installation conditions are the same as those, which will prevail when the building is occupied.

3. MATERIALS

- a) *Maple Flooring:* Unfinished, 25/32" x not over 2 1/4" x 1/4" x RL 2nd and BTR, T&G, EM, KD, northern hard maple flooring as supplied by Tarkett Sports. Note: thickness, width and grade of flooring material may be altered to suit application.
- b) Flexlock underlayment 1/2" support cushion with 2.0 density as supplied by Tarkett Sports.
- c) *Lumber:* Two layers of 1" x 6", #2, K.D. SPF treated lumber.
- d) *Sealer:* as supplied or recommended by Tarkett Sports.
- e) *Floor Finish:* as supplied or recommended by Tarkett Sports.
- f) *Nails:* Purpose designed barbed nails for power nailing, 2" long as supplied by Tarkett Sports.
- g) *Threshold & Reducer Strip:* Milled maple or extruded aluminum of size and profile as required to reduce level of hardwood floor to meet existing surface. Color and finish to match.
- h) *Nosing:* Rounded maple bullnose. Color and finish to match.
- i) *Vapor Barrier:* 6 mil. Polyethylene.
- j) *Vent Cove Base:* Vented rubber base as supplied by Tarkett Sports.

4. ALTERNATIVES

- a) No alternatives or deviations from specifications are allowed

5. JOB CONDITIONS

- a) Do not install floor system until concrete is dry and has been cured a minimum of 60 days and the requirements listed above in paragraph 2 are obtained.
- b) Maintain ambient temperature of not less than 50°F (10°C), not more than 70°F (21°C). from 72 hours before installation to at least 48 hours after completion of work. Maintain 40% relative humidity during the same period.
- c) All finish flooring shall be stored in the building of application a minimum of 14 days before installation under proper and protected ventilation.
- d) After floors are finished, area to be kept locked by general contractor to allow curing time for the finish.

6. INSTALLATION

- a) Ensure substrate is dry prior to installation.
- b) Inspect floor for levelness before installation. Tolerance not to exceed 1/8" over 10'. The sub floor must be sound and properly prepared. Report discrepancies to owner/specifier for rectification.
- c) Install polyethylene with joints lapped a minimum of 4" and seal with sealant or adhesive.
- d) Cover polyethylene with support cushion.
- e) Install the first layer of 1"x6" SPF lumber at a 25 degree angle to the long dimension of the playing area. The ends of the 1"x6" shall be butted leaving a space of 1/4" space. Adjoining 1"x6" in the first layer shall be side spaced 4". Provide 2" expansion voids at the perimeter and at all vertical obstructions
- f) Install the upper layer of 1"x6" lumber in the opposite direction to the first, again at a 25 degree angle to the playing area. Ensure no end joints in the second layer fall on an end joint in the first layer. Butted ends shall be spaced 1/4". Adjoining 1"x6" boards in the second layer shall be side spaced 2" apart, and secured to the first layer with nails or staples at each intersection. Install a single 1"x6" boarder strip as part of the second layer of subflooring, at right angles to the finished flooring, at the perimeter of the playing area.

- g) Machine nail maple flooring parallel to the longer dimension of the playing area providing proper spacing for humidity conditions in the specific region.

- h) To help accommodate heavy weight loads, 1"x6" subfloor may be moved to 1/2" on top and 2" on bottom.

7. SANDING & FINISHING

- a) After installation is complete, sand wood-strip flooring with a belt sander, edger and hand scraper. Use coarse, medium, and fine grades of sandpaper to produce a uniform, even and smooth surface. Sandpaper must be continuous from factory and not joined on job-site. Drum sanders may not be used.
- b) After sanding with belt sander, buff entire floor using a 100-grit screen with a heavy duty buffing machine.
- c) After sanding, remove dust and dirt off all floor surfaces. Use an industrial vacuum cleaner.
- d) Apply game lines.
- e) Court marking paint must be compatible with finish and should contain no vinyl's or polyvinyl.
- f) Floor to present a smooth surface without stop marks, gouges, streaks, or shiner.
- g) Apply one coat of sealer as recommended by Tarkett Sports .
- h) Buff with brown pads.
- i) Apply one coat of finish as recommended by Tarkett Sports.
- j) Buff with a maroon pad cushioned with a green pad.
- k) Abrade first finish coat using a maroon pad cushioned with a green pad.
- l) Install wear indicators at center jump circle, free throw lines and at all entries.
- m) Apply two additional coats of recommended finish.
- n) Install vented rubber base.
- o) Clean up all unused materials and debris and remove same from premises.

8. MAINTENANCE

- a) Upon completion of the floor installation, the owner, attendant or individuals responsible for the maintenance of the building are to follow the guidelines supplied by Tarkett Sports for hardwood flooring maintenance.
- b) Areas of wood floor installation must be adequately ventilated with natural or mechanical air circulation. Temperature and humidity controls must be operational all year and employed as required in the region of installation.

9. GUARANTEE

- a) Guarantee shall not cover damage in the whole or in part by casualty, ordinary wear and tear, abuse, use for which materials are not designed, faulty construction of the building, settlement of the building walls, failure of the other contractors to adhere to specifications, separation of the concrete slab and excessive dryness or excessive moisture from humidity, spillage, migration though the slab or wall, or any other source. Abuse, vandalism, neglect, improper installation or maintenance procedures will negate all guarantees.
- b) Tarkett Sports hereby warrants the Flexlock floor system material to be free from manufacturing defects for a period of two years. This warranty is in lieu of all other warranties, expressed or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose, and of any other obligations on the part of Tarkett Sports. If any components are not supplied by Tarkett Sports, all warranties are rendered null and void. In the event of breach of any warranty, the liability of Tarkett Sports shall be limited to repairing or replacing the Flexlock material and system components supplied by Tarkett Sports proven to be defective in manufacture, and shall not include any other damages, either direct or consequential.