



**ULTRAPANEL SLEEPER  
FLOATING FLOOR SYSTEM**

**SPECIFICATIONS**

Contact CALIBER SPORT SYSTEMS, INC. at [www.calibersport.com](http://www.calibersport.com) or (855) 718-9787 for specific project conditions or modifications of this specification.

## **PART 1 – GENERAL**

### **1.01 SUBMITTALS**

- a) Submit three CALIBER ULTRAPANEL SLEEPER Specifications.
- b) Submit one sample of CALIBER ULTRAPANEL SLEEPER Systems.
- c) Submit three copies of maintenance data for CALIBER Sport Finish

### **1.02 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.

### **1.03 WORKING 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
- c) of work. Maintain 40% relative humidity during the same period.
- d) All finish flooring shall be stored in the building of application a minimum of 14 days before installation under proper and protected ventilation.
- e) After floors are finished, area to be kept locked by general contractor to allow curing time for the finish

## **PART 2 – PRODUCTS**

### **2.01 MATERIALS**

#### **1) Flooring**

- a) Flooring shall be Northern Hard Maple standard strip flooring, 25/32" x 2-1/4" (20mm x 57mm) or 1-1/2" (38mm), TGEM, MFMA grade marked & stamped
- b) Grades available are MFMA 1st, 2nd&Btr. 3rd&Btr. and 3rd grade.
- c) Long Length Strip Flooring by Action Floor Systems, LLC (optional).
- d) FSC Certified lumber (optional).
- e) Expansion Ridge Technology (ERT) 1/64" milled expansion spacer (optional).
- f) Factory Sand and Seal Long Length Strip Flooring (optional).

#### **2) Subfloor**

- 1. Vapor barrier shall be 6-mil polyethylene.
- 2. Action Cush E resilient pads shall be approximately 3/8" x 2" x 2" (10 x 50 x 50mm). Option: 5/8" (16mm) Action Cush E pads.
- 3. Panels shall be 15/32" x 4' x 8' (12mm x 1.2M x 2.4m) HPS, exposure 1, rated sheathing, minimum APA span rating of 32/16.

#### **3) Fasteners**

- 1. Subfloor fasteners shall be 1" (25mm) coated staples.
- 2. Flooring fasteners shall be 1-1/2" (38mm) cleats, or 15-gauge coated staples.

#### **4) Wall Base**

- 1. Wall base shall be 3" x 4" (76mm x 102mm) vented cove base with pre-molded outside corners (specify black or brown), as supplied by CALIBER SPORT SYSTEMS, INC.

## **PART 3 – INSTALLATION**

### **3.01 INSTALLATION**

- A. Cover concrete slab with polyethylene lapping edges 6" (150mm) and seal with adhesive or 2" (50mm) duct tape.
- B. Action Cush pads shall be attached to the underside of the first layer of sheathing 12" (300mm) on center.
- C. Place the first layer of sheathing diagonal or perpendicular to the intended direction of the finish flooring. Allow a minimum 1/4" (6mm) between panels at sides and edges, and a 2" (50mm) expansion void at walls and vertical obstructions.
- D. Install solid blocking at doorways, bleacher stack areas or under portable goals as needed.
- E. Fasten the second layer of sheathing without pads at a 45-degree angle or at right angles to the first layer. The sheathing sheets must be nailed or stapled together with 1" (25mm) fasteners starting from the center of the sheet working outward. No joint in the second layer of sheathing shall coincide with a joint in the first layer. Allow 1/4" (6mm) between panels at sides and edges, and a 2" (50mm) expansion void at walls and vertical obstructions on both layers of sheathing.
- F. Machine nail strip flooring approximately 10"-12" (300mm) o.c.. End joints must be properly driven up. Provide adequate expansion at regular intervals across the floor during installation as dictated by the average humidity conditions of the area according to the recommendations of the local CALIBER SPORT SYSTEMS, INC. flooring contractor. Allow 2" (50mm) expansion voids at perimeter and all vertical obstructions.

### **3.02 SANDING & FINISHING**

- a) After installation is complete, sand wood-strip flooring with Hummel 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 2 COATS CALIBER SPORT XCURE OR HYDROCURE GYM FINISH SYSTEM SEALER
- e) Layout, mask and paint Gamelines as set out in Architectural Drawings supplied by others
- f) Ensure compatibility between paint and finish
- g) Floor to present a smooth surface without stop marks, gouges, streaks, or shiner.
- h) Apply two additional coats of CALIBER Sport Finish.
- i) Install vented rubber base/aluminum thresholds.
- j) Clean up all unused materials and debris and remove same from premises

## **PART 4 - MAINTENANCE & GUARENTEE**

### **4.01 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 CALIBER SPORT SYSTEMS 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.

#### 4.02 GUARENTEE

- 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 through the slab or wall, or any other source. Abuse, vandalism, neglect, improper installation or maintenance procedures will negate all guarantees.
- b) CALIBER SPORT Systems dealer/contractor hereby warrants the ULTRAPANEL SLEEPER floor system installation/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 Caliber Sport Systems. If any components are not supplied by Caliber Sport Systems, all warranties are rendered null and void. In the event of breach of any warranty, the liability of Caliber Sport Systems dealer/contractor shall be limited to repairing or replacing Caliber Sport Systems ULTRAPANEL SLEEPER material and system components supplied by Caliber Sport Systems proven to be defective in manufacture, and shall not include any other damages, either direct or consequential.