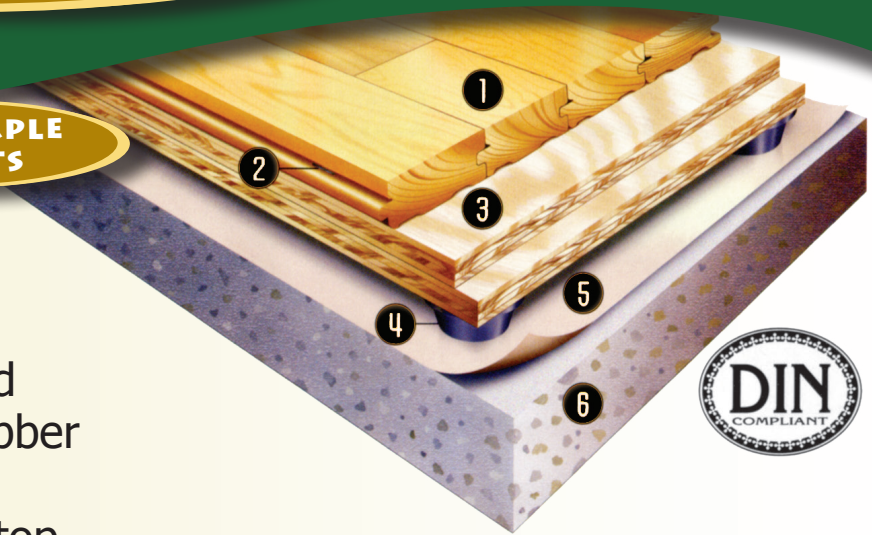


TRU-MAPLE FLOORING

TRU-MAPLE AEROBICS

TRU-MAPLE SPORTS

TRU-MAPLE SPORTS and **TRU-MAPLE AEROBICS** both consist of two layers of plywood with 3/4" pneumatic natural rubber pads affixed to the bottom and maple flooring attached to the top.



Tru-Maple Flooring

captures the essential factors of DIN characteristics known as DinEssence, using industry standard criteria for shock absorption, ball rebound, deformation and peripheral control.

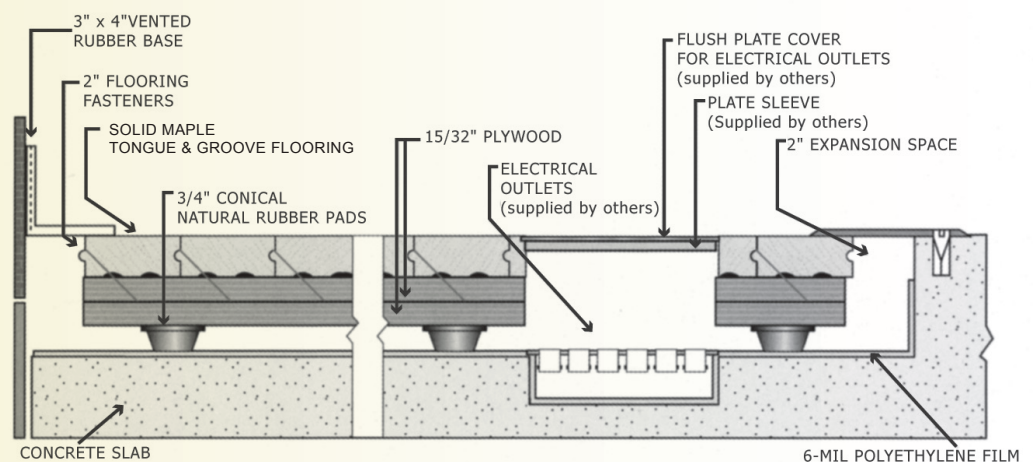
Tru-Maple Sports

utilizes 60 Durometer rated rubber pads and is excellent for sports and multi-purpose uses.

Tru-Maple Aerobics

utilizes 48 durometer rated (softer) rubber pads and is excellent for aerobics and dance use.

- | | |
|-------------------------|---------------------------|
| 1 25/32" MAPLE FLOORING | 4 3/4" Conical Pads |
| 2 Nail or Staple | 5 6-Mil Polyethylene Film |
| 3 15/32" APA Plywood | 6 Concrete Slab |



Allied Products, LLC
Distinctive Flooring & Athletic Surfaces

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TRU-MAPLE SPORTS AND TRU-MAPLE AEROBICS FLOORING PRODUCT SPECIFICATIONS

1.0 PRODUCT DESCRIPTION

- 1.1 The information herein details a low profile cushioned system comprised of two layers of plywood crossed and tacked with AirFlex or ProFlex natural rubber cushioning pads affixed to the bottom and maple strip flooring nailed to the top.
- 1.2 The general contractor shall provide a level steel troweled slab to a tolerance of + or - 1/8" in a 10'0" radius and subject to the approval of the wood floor contractor. Moisture barriers must be adequate for conditions. The concrete slab is to be recessed 2-1/2" (64mm) for 25/32" (20mm) flooring.

2.0 QUALITY ASSURANCE

- 2.1 All system component parts must be supplied by Allied Products, LLC. 800-864-1272 • www.alliedproductsllc.com
- 2.2 Flooring materials must be allowed to acclimate to building conditions on the job site in a dry, well-ventilated area, not in contact with masonry, and shall be installed at a moisture content not to exceed 8% except in areas of constant high humidity where the moisture content of the flooring shall not exceed 10%.

3.0 WORKING CONDITIONS

- 3.1 The wood flooring shall not be installed until all masonry, plastering, tile, marble and terrazzo work is completed, and overhead mechanical trades and painters have finished in the wood floor area. The building must be reasonably dry; all openings must be closed in; permanent heating and air conditioning installed and operating.
- 3.2 The sub floor shall be dry, free of foreign materials, and turned over to the wood flooring contractor broom clean. Moderate room temperature of 65 degrees or more shall be maintained a week preceding and throughout the duration of the work. Humidity conditions within the building shall approximate humidity conditions which will prevail when the building is occupied. Care should be taken to maintain humidity within the range of 35% to 50%.

4.0 WARRANTY

- 4.1 Manufacturer warrants the material it ships to be free from defects in materials and workmanship for a period of one year and the flooring installer warrants the installation of the flooring to be free of defects in materials and workmanship for a period of one year. The exclusive remedy under this warranty shall be replacement of defective material or correction of defective installation by the flooring installer. All implied warranties of merchantability or fitness for intended use are limited to the period of this warranty. This warranty excludes consequential damages.
- 4.2 This warranty does not cover damage caused by fire, wind, floods, chemicals or other abuse, or by failure of other contractors to adhere to specifications, or neglect of reasonable precautions to provide adequate ventilation during hot and humid weather. This warranty also excludes damage due to excessive dryness or excessive moisture from humidity, spillage, migration through the slab or wall or any other source. This warranty also excludes damage to floors due to ordinary wear and tear, faulty construction of the building (other than the flooring installation), separation of the concrete slab underlying the floor, settlement of walls, or use of water on the floor.
- 4.3 During the warranty period the floor cannot be coated without the permission of the floor contractor.

5.0 MATERIALS

- 5.1 Flooring
 - a) Flooring shall be hard maple standard tongue and groove strip flooring, 25/32" x 2-1/4" (1-1/2") as supplied by Allied Products, LLC.
 - b) Grades available are MFMA 1st, 2nd&Btr., 3rd&Btr., and 3rd grade.
 - c) Random length strips, long length strip flooring optional.
 - d) Expansion Ridge Technology (ERT) 1/64" milled expansion spacer (optional)
 - e) Wood flooring may be treated with Woodlife F when specified.
- 5.2 Sub floor
 - a) Vapor barrier shall be 6-mil polyethylene.
 - b) The pads shall be AIRTHRUST 48 durometer 3/4" conical natural rubber pads for aerobics and dance use, and ProFlex 60 durometer for basketball and multi-purpose use.
 - c) Panels shall be 15/32"x4'x8' 4 ply CD face exposure 1, rated plywood.
 - d) Tack nails shall be 1" cleats or 16-gauge staples.
 - e) Flooring nails shall be 2" cleats or 2" staples.
 - f) Wall base shall be 4"x3" vented cove base with premolded corners (specify black or brown), as supplied by Allied Products, LLC.

6.0 INSPECTION

- 6.1 Inspect concrete slab for proper tolerance and dryness reporting any discrepancies in writing to the general contractor.
- 6.2 All work to put the concrete slab in acceptable condition shall be the responsibility of the general contractor.

7.0 INSTALLATION

- 7.1 Cover concrete slab with poly lapping edges 6".
- 7.2 AIRTHRUST or ProFlex pads shall be attached to the underside of the first layer of plywood 12" o.c. 32 pads per 4'x8' sheet.
- 7.3 Place the first layer of plywood diagonal or perpendicular to the intended direction of the finish flooring.
- 7.4 Tack the second layer of plywood without pads at a 45° angle or at right angles to the first layer. No joint in the second layer of plywood shall coincide with a joint in the first layer. Allow 1/4" between panels at sides and edges, and a 2" expansion void at walls and vertical obstructions on both sheets of plywood.
- 7.5 Machine nail strip flooring into second layer of plywood parallel to the long dimension of the area. Provide adequate expansion at regular intervals across the floor during installation as dictated by the average humidity conditions of the area. Provide 2" expansion voids at perimeters and all vertical obstructions. Install vent cove base over perimeter voids and metal thresholds at doorways.

8.0 FLOOR SANDING

- 8.1 Use coarse, medium and fine grade sandpaper.
- 8.2 After sanding with drum sander, buff entire floor using 100 grit screenback or equal grit sandpaper, with a heavy-duty buffing machine.
- 8.3 Vacuum or tack floor before first coat of finish.
- 8.4 Floor shall present a smooth surface without drum stop marks, gouges, streaks or shiners.

9.0 FINISHING

- 9.1 Inspect entire area of floor to ensure that the surface is acceptable for finishing, completely free from sanding dust and perfectly clean.
- 9.2 Apply seal and finish per manufacturer's instructions.
- 9.3 Screenback or steel wool and vacuum or tack between each coat after it dries.
- 9.4 Apply game lines accurately after the seal coat, after buffing and vacuuming. Lay out in accordance with drawings. For game lines, use current rules of association having jurisdiction. Lines shall be straight with sharp edges in colors selected by the architect. Game line paint shall be compatible with finish.

10.0 BASE INSTALLATION

- 10.1 Affix rubber base to wall with recommended adhesive or screws. Miter all corners carefully. Use premolded outside corners.

11.0 CLEAN UP

- 11.1 Clean up all unused materials and debris and remove from premises.

12.0 MAINTENANCE

- 12.1 Upon completion of floor installation, the owners, attendants or individuals in charge and responsible for the upkeep of the building are to see that the care and maintenance instructions of the MFMA are followed. Failure to do so may void warranty.

NOTICE

To continuously update and improve our product lines Allied Products LLC reserves the right to change, modify or discontinue systems, specifications and accessories of all products at any time without any notice or obligation to any purchasers.



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