

Installation Guide

PT-100, PT-200, PT-300 Virgin Rubber Gym Tile

Installation Tools	
Utility Knife	3' Straight Edge
Supply of Blades	50 lb. Carpet Roller
Chalk Line	Framing Square
Rigid Measuring Tape	Protractor (arcs/columns)
Rubber Mallet	Template Material (e.g. Kraft paper)
Pencil	30" x 30" x 1/4" Masonite

Preparation of Floor

- Tiles may be installed over any relatively smooth, hard surface. This includes on or below grade concrete, hardwood, plywood, stone, VCT, or ceramic tile. The floor should be free of protruding objects, deep recessions, or indentations.
- Floor should be clean, dry, and level. Remove dust, debris, moisture, and powder accumulations from all surfaces prior to installing rubber flooring.

Note: Tiles may not be installed over carpeting of any grade.

Preparation of Tiles

Allow tiles to come to room temperature prior to installation

Room Dimensions/Layout of Tiles

- Measure room accurately in both directions
- Determine required width of cut tiles around perimeter of room. Take into account the following factors in determining the layout of your tiles:
 - "Cut tiles" around perimeter of room should be no less than 2" wide. While it is preferred that cut pieces on opposite sides of the room be of *generally* equal dimensions, it is more important that no tiles be cut to less than 2" in order to allow the interlocks to connect properly.
 - Factor in any jogs/walls, which will affect the layout of the tiles. It is important that the layout be adjusted to prevent cut pieces of less than 2" at both the jogs and outer walls.
- Starting at one corner of the room, snap a chalk line indicating the placement of the edge of the outermost course of full (uncut) tiles.
- Snap a 2nd chalk line perpendicular to the first, indicating the edge of the course of full (uncut) tiles on the adjacent wall. Use a carpenter's square to make certain that chalk lines are square at intersection.



Laying Tiles

- Lay first full tile flush to intersection of chalk lines. Interlock tiles into place, making certain to complete each full row, and ending with the last full (uncut) tile, before beginning next row.

*Note: when installing PT-300, be certain to lay out initial course of tiles **with both open tabs facing out**. This will prevent the installer from having to "lift" tiles to interlock into place.*

- When installing PT-100, note that tiles have a thin "flashing" on the inside edge of the interlocking tabs. Be certain to install these reversible tiles **flashing side down** for a uniform fit and appearance.
- Lay out all full tiles in the above fashion. Be certain to complete on full row at a time, checking periodically to make certain rows are square.

Note: do not install tiles simultaneously in two directions.

Cutting Tiles

- When all full tiles are completely in place, go back to cut in the perimeter tiles.
- Measure distance from wall to outside edges of full tiles, allowing for a 1/4" gap at wall, and mark these dimensions on tile to be cut.

Note: it is helpful to cut tiles on a smooth hard surface, such as a 30" x 30" sheet of 1/4" Masonite. Tiles may be cut top side up, using a 3' straight edge and utility knife.

- Install cut tiles into place, and continue in the same manner around perimeter of room.

Completion

- When all tiles are completely installed, tiles may be "rolled" into place using a 50 lb. – 100 lb. carpet roller to secure interlocks.

Maintenance Instructions (Cont. Below)



Maintenance Instructions

PT-100, PT-200, PT-300 Virgin Rubber Gym Tile

Maintenance Instructions

Amarco Products' Pro-Tile series are manufactured using premium virgin SBR Rubber. By understanding your rubber floor and following an established maintenance program, you will receive years of trouble-free protection from your Pro-Tile floor.

Choosing the right equipment for the right size job is important. Large auto scrubbers may be useful for wide-open areas, such as large aerobic studios. Rotary machines or deck brushes may be most suitable to easily maneuver around fitness equipment in strength and cardio areas.

Cleaning and Maintenance Products

Taski Products provide the industry standard for users of rubber flooring. Their unique chemical formulations combined with simple application techniques result in a superior cleaning system for your Pro-Tiles.

- **Taski Profi** – A highly effective non-ionic oil and grease remover for resilient rubber flooring. The neutral pH and bio-degradability make it an ideal product for rapid emulsification of oil and grease.
- **Taski Wiwax** – A unique blend of detergents, waxes, and polymers formulated to clean and maintain rubber flooring, and provide a light polymer and wax film for additional protection.
- **Taski NDC** – Concentrated pH neutral detergent/disinfectant cleaner formulated to provide one-step, no-rinse cleaning for both auto scrubbing and mop and bucket applications. Provides exceptional cleaning performance; EPA registered, hospital grade disinfectant provides

Preventive Maintenance

To keep your floor in top condition, it is important to recognize what types of products can do damage to your floor:

- **Acids:** bathroom cleaners, bleach, fruit juice, vinegar, and alcoholic drinks.
- **Alkalis:** butyl cleaners and high pH strippers
- **Petro Chemicals:** cleaners containing oil, grease, solvents, or abrasives (including sweeping compounds containing oil)
- **Dirt/Sand:** Tracked in soil accounts for over 90% of the maintenance costs of your flooring. Use of large, oversized mats at your door entrance will greatly reduce the amount of damage to your floor finish.

Oxidation

As your rubber floor ages, it will oxidize and become harder and denser. This natural process creates a surface that becomes easier to keep clean and scuff-free. During the initial 6 to 12 months, the rubber surface will more readily scuff and attract soil, unless treated as outlined in our maintenance program.

Cleaning and Finishing Instructions

Initial cleaning and stripping is recommended on all new installations to remove surface waxiness from rubber tiles. This is also recommended on installations where a deeper cleaning is required to remove dirt from heavily soiled tiles. Amarco Products recommends that initial cleaning and finish application be performed by a floor-cleaning professional.

- Sweep or vacuum the surface to remove all dirt/dust/debris
- Mix Taxi Profi cleaner 10-13 oz. with a gallon of warm water and apply to floor with lint free loop mop
- Allow to dwell approx. 10-15 minutes to cut through manufacturing residues (mold releases, paraffin, etc.), not allowing the surface to dry. Re-wet if necessary
- Wet scrub with soft nylon scrub brush with 300 rpm floor scrubbing machine
- Vacuum up slurry solution with heavy duty wet/dry vac or auto scrubber before surface dries
- Rinse floor thoroughly with clean water and allow to dry

Finishing Floor

Unfinished tiles that are cleaned on a daily basis will provide a flat appearance, with none of the periodic maintenance associated with maintaining a wax finish. They will, however, require greater daily maintenance for dirt, soil, and dust removal, especially during your floor's first year. Amarco Products strongly recommends that ice arenas and hockey rinks—as well as areas where cleats will be worn—use no finish on the tiles. Note that no finish will resist cracking in free weight areas.

For a Low Gloss Finish

- Fully saturate clean loop mop with non-diluted Taski Wiwax
- Apply thin coat of Taski Wiwax and allow finish to fully dry (avoid aggressive fan forced "flash drying")
- Repeat to maximum of four coats, or until desired level of sheen is achieved
- It is critical that Taski Wiwax be applied in thin coats and is allowed to fully dry between coats or hazing may occur. It is not recommended that Taski Wiwax be buffed on Amarco's tiles or finish marking may occur.

Maintenance Schedule

Daily Cleaning

- Sweep the floor daily with a broom or vacuum thoroughly
- Room entrance should be equipped with large mats specifically designed maximum dirt trapping. Matting should be thoroughly vacuumed daily.
- Mix 2 oz. Taski NDC with a gallon of cold water. Damp mop floor with mop or auto scrubber
- Allow to remain wet approximately for 10 minutes for disinfecting viral microorganisms, and to maximize mold and mildew control.
- No rinsing required. Simply allow to air dry.

Weekly Cleaning

- Vacuum room thoroughly
- Scrape up gum or similar substances using a plastic or wooden scraper. Avoid metal scrapers as they can scratch surfaces. A dampened green scrub pad will enable you to rub off heel marks.
- Mix 2-4 oz. Taski Wiwax with a gallon of warm water. Damp mop floor with mop or auto scrubber.

New Installations

New rubber floors will frequently have a harmless "rubber" smell when initially installed. Increasing the room's ventilation during this initial period—about 30 days—is typically the only remedy required. If this is not possible, a product such as Prochem Fluorosil Odor Neutralizer-Citrus may be added to the cleaning solution, and will effectively neutralize any odors until they naturally dissipate.