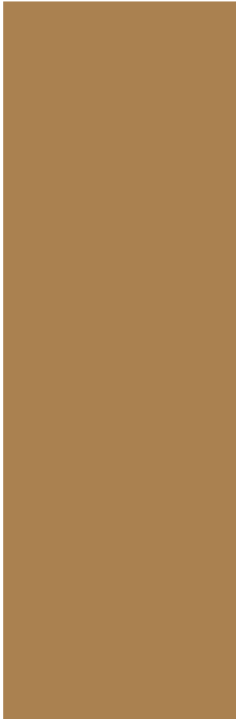


## Wood Floor Care Method Bulletin 1420



A complete guide for preparation, application and recommended maintenance for use with Multi-Clean® coatings on wood sports floors

### Hi-Trac® Top Court



# Annual Re-coating of Gym Floors with Top Court

This Method Bulletin covers all aspects of the annual re-coating of wood gym flooring with Top Court.

Preparation of gym flooring is the most critical step which will ensure the success of your recoating process.

This procedure must be followed exactly.....no shortcuts. Failure to follow each step completely can cause product failure and will void any warranty.

If you have questions, please call Multi-Clean at 1-651-481-1900.

## STOP! READ BEFORE PROCEEDING

This method bulletin is to be used **only** by appropriately trained persons in conjunction with such training. **IMPROPER USE OR OPERATION OF MULTI-CLEAN (CHEMICALS OR EQUIPMENT) POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE.** Specific risks include, but are not limited to, burns, and improper application of chemical products (wrong product, wrong product combinations, improper applicator use, and improper curing.) Because a successful and safe application is the responsibility and obligation of the trained applier, the manufacturer disclaims any and all warranties, express or implied, including warranties of **MERCHANTABILITY** or **FITNESS OF PURPOSE**. The manufacturer shall have no obligation except to replace repair, or pay for, in its sole discretion, any chemical product or equipment shown to be defective.

No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.

If you have not had training with the particular product or equipment you intend to use, please call:

**Multi-Clean at 651-481-1900** to arrange training.

**DO NOT USE THIS MULTI-CLEAN SYSTEM OR ITS COMPONENT PRODUCTS WITHOUT APPROPRIATE TRAINING. FOR INDOOR USE ONLY.**

**This method should not be used if any of the following conditions exist:**

**Floors Less than 2 Years Old:** Manufacturers and installers of hardwood flooring typically do not recommend using automatic scrubbers on newly installed gymnasium flooring. **Check the Manufacturers Warranty before Starting the Re-Coat Process.**

**New or Freshly Sanded Wood:** Top Court is a finish and should not be applied directly to new, unsealed wood floors or floors that have been sanded to bare wood.

**Peeling or Poorly Bonded Finishes:** If the previous finish is peeling, flaking or otherwise not adhering, Top Court should not be applied.

**Heavy Finish Build-Up and Soiled:** If the floor exhibits a heavy build-up of finish and soils and marks have been "sealed in."

**Parquet Floors:** Not recommended for parquet floors.

**Contaminated Floors:** Floors that have been treated with oil or coated with wax, including paste wax.

If any of the above conditions exist, the floor may need to be more aggressively screened. For more information on the screening process, contact your Multi-Clean dealer or your local floor care expert.

## Tacking Procedure

Tacking is the final step for removing all traces of dry matter (dust) from the gym floor.



Tacking floor with cotton towels and push broom.

If the prepared gym floor is left for several hours or overnight prior to coating, the floor must be tacked immediately before applying any coating.

Fill a mop bucket with fresh water.

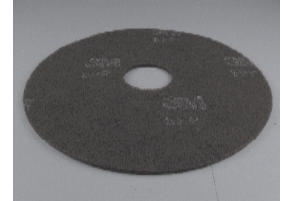
Place 1 to 2 large white cotton (Turkish) towels in the mop bucket. Wring out a towel so that it is damp, not saturated or dripping.

Wrap damp towel around a broom and push across the floor to remove any residue. After every lap or so, rinse out towel in mop bucket. Replace water in mop bucket when water becomes visually dirty.

Repeat until no dust is found on floor. After floor dries, wipe floor with fingers in several places to determine if any residue remains. If any dust is found, tack floor again.

## SSP Preparation Method

This is the recommended method for preparing floors for coating with Top Court. This method may not be effective on heavily gouged or worn floors. If the floor still shows excessive black marking after preparation, a more aggressive screening may be needed. When floor has been prepped by the method below, the floor should look clean with a dull shine.



### SPP Method using 175 RPM Floor Machine

**Step 1:** Dust mop floor to remove dust, sand and any debris. Use a putty knife to scrape up gum, labels and tape adhesive left on the floor. Use *Mastery dL* to remove any gum or adhesive residue by applying a small amount to a cloth and rubbing the residue until it's removed. Rinse area with fresh water thoroughly.

**Step 2:** Clean and scrub the floor using a solution of Hi-Trac diluted at 8 oz/gallon. Apply Hi-Trac solution to floor with a mop and scrub the floor using 175 RPM floor machine and red pad.

**Note:** Divide floor into smaller sections so Hi-Trac solution does not dry out before being picked-up. 250 square feet sections are suggested.

Pick-up spent solution after scrubbing with wet-vac or an autoscrubber. Rinse with fresh water.

**Step 3** Apply another solution of Hi-Trac diluted at 8 oz/gallon and perform a wet scrub using 3M Scotch-Brite Surface Prep Pads (SPP). Apply Hi-Trac in small sections to prevent it from drying out.



Be careful not to remove court lines. Scrub floor two times in opposite directions for best results.

One SPP pad is required for every 500 square feet (250 square feet/side). **NO EXCEPTIONS!**

**Step 4** Pick up spent solution with a wet-vac or autoscrubber.

**Step 5:** Rinse floor thoroughly with fresh water. Pick-up rinse water with wet-vac. Allow floor to dry.

**Step 6:** Clean up remaining dust residue by tacking the floor with clear water and cotton towels to remove dust. See page 1 for details.

### SPP Method using Autoscrubber

**Step 1:** Dust mop floor to remove dust, sand and debris. Use a putty knife to scrape up gum, labels and tape adhesive left on the floor. Use *Mastery dL* to remove any gum or adhesive residue by applying a small amount to a cloth and rubbing the residue until it's removed. Rinse area with fresh water thoroughly.

**Step 2:** Clean and scrub the floor using a red pad and a solution of Hi-Trac diluted at 8 oz/gallon in the solution tank of an autoscrubber.

**Step 3:** Wet scrub the floor with an autoscrubber using Hi-Trac diluted at 8 oz/gallon and 3M Scotch Brite Surface Prep Pads (SPP). Scrub floor two times in opposite directions for best results.



One pad is required for every 500 square feet (250 square feet/side). **NO EXCEPTIONS!**

**Step 4:** Rinse out solution tank and fill tank with fresh water. Rinse floor thoroughly with fresh water using a red pad on the scrubber. Rinse two times in opposite directions for uniform results. Allow floor to dry.

**Step 5:** Clean up remaining dust residue by tacking the floor with clear water and cotton towels. Tack the floor until towels are completely clean and no more dust residue is present. See page 1 for details.

**Note:** If the floor is scheduled to be recoated the day following preparation (Steps 1-4), secure the gym or do what is needed to prevent anyone from walking on or using the floor overnight.

**Note:** Observe Floor. It should be clean with a dull shine. If floor has a high shine, a more aggressive screening may be needed.

## Application of Top Court

### Padco Professional Floor Coater

The Padco Professional Floor Coater heavy weight is ideal for applying finishes, including Top Court.

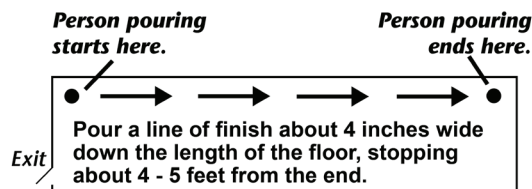
The application is fast and results in uniform coverage. The Padco Professional Floor Coater is available in 24 inch width.

Optional: If only one coat is to be applied, a light weight applicator may be used.



### Preliminary:

Plan your start point on the farthest side of the gym and your end point at the most convenient exit.



Having two people applying Top Court is most efficient. One will pour the product on floor and the other person will apply coating using the Padco Floor Coater. Assemble all equipment and chemicals needed.

If only one coat is to be applied, use a light weight or heavy weight bar.  
If two coats, use only a heavy weight bar.

### Application of Top Court

1. Pour Top Court into a plastic garden sprinkling can. Other devices or methods that will dispense/pour a line of Top Court along the floor without splashing, creating bubbles or foam are acceptable.

2. Begin applying a line of Top Court along the length of the gym starting about 6 inches from the far wall.

3. Pre-wet the Padco applicator pad in the line of finish then begin applying by pulling the excess finish toward the opposite side of the room (snowplowing). Continue pouring and applying product across floor. Overlap wet area 50% each pass.

Do not to allow excess product to flow beyond the far end of the applicator. If this happens, gently squeeze out excess product from the applicator, then gently feather out the excess material on floor.

4. About 4 to 5 passes from the planned exit, pour product onto the floor sparingly. Streaks will result if the applicator dries out, so take caution.

On the very last run, if excess product is left, collect it near the exit point and soak up with towels or rags. Do not attempt to feather this excess product on floor. Allow each coat a minimum of 30-45 minutes to level.

5. After Top Court levels, place fans in an adjacent area to pull moisture away from the job site. Never blow air directly over the drying coat.

6. It may be necessary to abrade before final coat if the previous coat has been allowed to dry longer than 12 hours. If the 12 hour window has elapsed, follow the prep method on page 2. Vacuum and tack with water dampened towels between coats.

7. Apply a second coat in the same manner.  
NOTE: It is our recommendation that no more than 2 coats be applied in a 24 hour period. Leave the ventilation running overnight on the final coat. Floor temperature and room temperature should be 65°F or higher.

8. Allow floor to dry for 24 hours before returning to light-use and 72 hours for normal/heavy use.

## Recoat Calculator

### Product Estimator For yearly Recoat

#### STEP 1:

##### Measure Floor Surface

(Multiply length x width for square footage)

Length \_\_\_\_ ft X Width \_\_\_\_ ft = \_\_\_\_\_ sq. ft.

#### STEP 2:

##### Product Checklist Needed

- Hi-Trac (no rinse cleaner)
- Top Court

#### STEP 3:

##### Product Estimator

###### A. Hi-Trac diluted at 1:16 (8 oz/gal.)

$\frac{\text{____ ft}^2}{\text{(Floor Size)}} \div \frac{4,000 \text{ ft}^2/\text{gallon}}{\text{(1 gallon Hi-Trac @ 1:16)}} = \text{____ Gallons Hi-Trac}$   
Multiply times 2 applications

*Example: 6,000 Square Foot Gym, Hi-Trac diluted at 1:16*  
 $\frac{6,000 \text{ ft}^2}{4,000 \text{ ft}^2} \div 2 = 3 \text{ gallons Hi-Trac}$

**Note:** 1 gallon of diluted Hi-Trac will clean approximately 250\* square feet per gallon, approximately 4,000\* square feet when diluted at 1:16 (8 oz/gal.).

###### B. Top Court

###### Padco heavy weight bar

$\text{____ ft}^2 \div 900 \text{ ft}^2/\text{gallon}^* = \text{____ Total Gallons}$

###### Padco light weight bar

$\text{____ ft}^2 \div 600 \text{ ft}^2/\text{gallon}^* = \text{____ Total Gallons}$

*Example: 6,000 Square Foot Gym,*  
 $6,000 \text{ ft}^2 \div 600 \text{ ft}^2/\text{gallon}^* = \underline{10} \text{ Total Gallons}$

\* These coverage rates are estimates. Exact coverage will vary depending on several factors including porosity of floors, application methods, dilution rates and human factor. Always have extra product on hand so you don't run short.

## Maintaining Wood Floors

Keep finished wood floors looking their best and maintain a high traction surface using Hi-Trac wood floor cleaner. Safe for sealed wood floors, Hi-Trac is effective at cutting oily residue that can make floors slippery, and it will not leave a dulling residue.

### Daily/Weekly

**Dust mop** daily with an untreated mop to remove abrasive, dirt and soil. This should be done as often as possible!

For best performance and gloss retention, maintain Top Court using **Hi-Trac** at 4 oz per gallon in an auto-scrubber equipped with a **White Pad**.

### Monthly

**Deep scrub** to remove oily deposits, black marks, etc. using **Hi-Trac** at 8 oz per gallon and a **White Pad**. Use an autoscrubber or 175 rpm floor machine with a wet-dry vacuum.

## Equipment Check List

### Preparation

- 175 rpm floor machine + wet/dry vac OR autoscrubber
- Red cleaning pads
- 3M Scotch Brite Surface Prep Pads (SPP)
- Extension cords (for floor machines)
- Putty knife
- Cotton cloths
- Masking tape
- Dust mop/push broom
- Mop bucket for application of Hi-Trac
- Mastery dL
- Hi-Trac

### Coating Application

- Padco floor coater
- Padco floor coater refill pads
- Garden sprinkling can (remove spout)
- Micro-Fiber finish mop
- Towels/rags
- Garbage bags (for easy cleanup)
- Top Court