

# New and Completely Sanded Wood Floors

# SEALER

## Traction® WOOD Floor *Sealer*



**STOP**

**READ THIS ENTIRE BULLETIN  
BEFORE PROCEEDING**

## DO NOT APPLY IF THESE CONDITIONS EXIST

**Peeling or poorly bonded finishes:** If the previous finish is peeling, flaking or otherwise not adhering, Traction should not be applied.

**Floors less than 2 years old:** Manufacturers and installers of hardwood flooring typically do not recommend using automatic scrubbers on newly installed hardwood flooring.

**Heavy finish build-up and soiled:** If the floor exhibits a heavy build-up of finish and dirt and marks have been "sealed in," Traction should not be applied.

**Damaged floors with large gaps:** Floors that are warped or have large gaps greater than 1/8 inch.

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

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

**Extremes of heat or humidity:** Temperatures above 85 degrees Fahrenheit or relative humidity above 60% are known to adversely effect drying performance and appearance of dried films.

This methods bulletin is to be used **only** by appropriately trained persons in conjunction with such training. IMPROPER USE OR OPERATION OF 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 (e.g. wrong product, wrong product combinations, improper applicator use, and improper curing.) Because 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 discussed in these guidelines that you intend to use, please call: **Roll-on Floor Systems, LLC 817-994-1953** to discuss and arrange training.

# FINISHING NEWLY INSTALLED OR COMPLETELY SANDED WOOD FLOORS

## TRACTION® *Wood floor sealer* TRACTION® *Skate floor coating*

### HOW TO FINISH NEW OR FRESHLY SANDED WOOD FLOORS

This procedure is for newly installed floors or floors that have had the old finish chemically stripped or sanded off.

For newly installed floors, follow the manufacturer's recommendations for floor preparation and acclimation period before sealing and finishing.

#### STEP 1: Floor Preparation

After the floor has been professionally sanded, the wood floor should be lightly screened using a single disc floor machine with a 120 grit mesh screen. Remove all dust residues by vacuuming or sweeping and then tack ragging the floor with towels dampened in waterless cleaner or plain water. **Note:** Make sure that all dust residues settle back to the floor before tacking, avoid drafts or cross breezes that may keep particles suspended.

*A freshly sanded floor should not go unattended for any length of time. This is important especially under high humidity conditions to avoid excess moisture uptake by the floor.*

#### STEP 2: Sealing with Traction Sealer

Before sealing the bare wood floor, the moisture content of the wood must be less than 10% and it is preferable that the humidity be less than 60%. Moisture content can be checked using a hand held moisture meter.

The prepared wood floor must be sealed using Traction Skate Floor Wood Sealer.

We recommend Traction Skate Floor Wood Sealer be applied using the Padco Professional Floor Coater. For smaller areas, a wood block applicator with a lambs wool or flocked foam pad can be used.

1. Apply 1<sup>st</sup> coat of sealer. Coverage will be up to 500-600 sq. ft./gallon.
2. Allow the seal to dry two hours. High humidity (above 70% R.H.) will extend the dry time 1-4 hours.
3. Lightly screen the first coat of seal to remove any raised wood grain using a 120 grit mesh screen. Keep the floor machines moving at all times to prevent marking of the floor (especially if screens are new).
4. Vacuum or sweep up dust (only after dust settles). Remove dust residue by tacking the floor at least twice. Tack rags should be prepared with waterless cleaner or plain water.
5. Apply the second coat of seal. Coverage will be up to 700 sq. ft./gallon.
6. Allow to dry two hours.
7. Buff the floor using a green pad or a 120 grit screen under a single disc floor machine. Use of a green pad rather than a screen after the second coat of seal is preferred because buffing dulls the seal to a lesser extent and allows better gloss build.
8. Tack rag the floor with towels prepared with plain water.
9. The floor is now ready for finishing or markings.

#### STEP 3: Lines and Markings

Borders, numbers, circles, lines or other markings should be applied after the second coat of seal has been buffed and tacked.

Use a high quality all acrylic latex gloss paint for applying all markings. We recommend Benjamin Moore's Impervex Latex Gloss Enamels. Remove all masking tape 20-30 minutes after line application. **Do not use solvent-based paints for lining.**

After the painted lines have been allowed to dry at least 12 hours, dry buff the lines with a green pad under a single disc floor machine.

Tack rag the floor with towels dampened with clear water before applying the finish.

#### **STEP 4 on next page**

## STEP 4: Finishing completely Sanded Floors with Traction® Skate Floor Coating.

(Add catalyst to both coats of Traction)

1. Add Pint of catalyst to five gallons of Traction. Invert Pail 20 times gently to mix in. Wait 10 minutes before applying coating. Once mixed, Traction Skate Floor Coating is good for 24 hours.
2. Apply the first coat of finish. Coverage will be about 600 - 800 sq. ft./gallon, depending on porosity of floor. We recommend using the Padco Professional Floor Coater. See page #5 for specific details.
3. Allow the finish to dry a minimum three hours before applying the second coat. High humidity (above 60% R.H.) will extend the dry time an additional 1-4 hours. Note: Do not allow the first coat of finish to dry more than 6-8 hours before applying the second coat.
4. Note: If the first coat of finish has dried for more than 8 hours, follow the procedure under the heading "How to Prepare Previously Finished Floors".
5. Once floor is dry, not tacky, prepare the last coat of finish for application. Add the 4 oz catalyst to Traction Skate Floor Coating following procedure in step 1 above. Apply 2nd coat of Traction Skate Floor Coating using same procedure as on first coat. Allow floor to dry overnight.
6. The floor may be re-opened to activity 24 hours after finishing.

**TIP:** If possible, shut off the ventilation system in the gym during application of finish to minimize air borne dust settling into the wet finish. Turn back on when the finish begins to set to aid drying.

## Marking Enamels

Roll-on Floor Systems, LLC. Recommends Benjamin Moore Impervex Gloss Enamels.

Apply line enamel. Allow to dry overnight (12 hours minimum). Lightly roughen surface with a used 120 grit screen or green pad. Clean up dust residues, then apply Traction Skate Floor Coating as directed.

### How to Avoid a Poor Finish

- Use applicators which are absolutely clean.
- Never attempt to rub the finish into the wood. Always flow it on in thin even coats.
- Two thin coats will always give better results than one heavy coat.
- Thoroughly clean application equipment after each application of finish.
- Make certain there is fresh air ventilation for proper drying and provide a "dust-free" atmosphere.
- Allow final coat to dry at least 24 hours before subjecting floor to activity.
- Soaps or gritty scrubbing powders should not be used in your preparation procedures because they are difficult to rinse and can result in product failure.
- Check all equipment prior to use and clean it immediately after use.
- Clean every applicator before using. New applicators often contain loose fibers which could mar the appearance of the coating.
- If a dance wax or solvent-based wax has been used, it cannot be removed by water scrub method contact your product supplier for removal suggestions.
- All vertical surfaces in the building should be wiped clean to insure a dust-free atmosphere.
- Prior to the use of any cleaning procedure, remove all gum and other built-up soil.
- **Never clean or attempt to maintain floors with a common janitor's string mop.**
- A weighted applicator is a leveling bar and may leave coating behind in puddles where a floor is uneven. Puddles may cause scaling or peeling.

# MATERIALS ESTIMATOR

**STEP 1:**  
**MEASURE FLOOR SURFACE**  
(Multiply length x width for square footage)

**STEP 2:**  
**MATERIALS CHECKLIST OF**  
**EQUIPMENT AND PRODUCTS NEEDED**

**A. Products**

- \_\_\_ Traction® Skate Floor Cleaner
- \_\_\_ Traction® Floor Sealer
- \_\_\_ Traction® Floor Coating w/catalyst

**B. Equipment**

- \_\_\_ Low speed single disk machine with pad driver
- \_\_\_ Wet/dry vacuum
- \_\_\_ (2) Mop buckets with wringers
- \_\_\_ Gum remover (acetone- non-residue)
- \_\_\_ 120 Grit screens (1 per 1,000 sq. ft.)
- \_\_\_ (4) Blue pads
- \_\_\_ Extension cords
- \_\_\_ Putty knife
- \_\_\_ 4 Turkish (bath) towels
- \_\_\_ ¾" masking tape (if lines are to be patched)
- \_\_\_ 2" Paint brushes (for line touch-up)
- \_\_\_ Padco weighted floor coater
- \_\_\_ Pouring Watering Can
- \_\_\_ (2 - 4) Floor Coater Refills
- \_\_\_ Push broom
- \_\_\_ Dust/drag Mop – microfiber preferred

**STEP 3:**  
**PRODUCT ESTIMATE**  
**FOR SCRUB AND RECOAT**

**A. Preparation**

\_\_\_ divided by 18,000 sq. ft./gal. = \_\_\_ Traction® **Cleaner**  
(sq. ft.) (gallons)

**B. Seal Application**

\_\_\_ divided by 400 sq. ft./gal. = \_\_\_ Traction® **Sealer**  
(sq. ft.) (gallons)

\_\_\_ divided by 600 sq. ft./gal. = \_\_\_ Traction® **Sealer**  
(sq. ft.) (gallons)

**C. Finish Application**

\_\_\_ divided by 800 sq. ft./gal. = \_\_\_ Traction® **Coating**  
(sq. ft.) (gallons)

\_\_\_ divided by 900 sq. ft./gal. = \_\_\_ Traction® **Coating**  
(sq. ft.) (gallons)

**FOR IDEAL FLOOR MAINTENANCE:**

\_\_\_ Gallons of Traction® Skate Floor **Cleaner**  
(2 gallons per 10,000 sq. ft. per month)

