

Arena™

Coliseum™



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Assessment and Planning



What you need: Assessment / Jobsite Preparation Checklist (page 5), Tools and Materials Checklist (page 6), putty knife or sharp-edged object, Buckeye floor finish stripper

Assess and Plan

Provide a copy of the completed inspection report, and inform the customer of any floor damage. Make sure that all parties agree on the existing conditions before continuing.

1. Arrange a meeting with management to complete the facility survey, wood floor inspection and wood floor scheduling. Plant managers, athletic directors, coaches, and school principals must be contacted in order to determine their needs.
2. Review facility's floor recoat history and maintenance program to establish product compatibility. Discuss any previous or existing problems, and also current maintenance procedures. **see footnote*
3. Inspect the wood floor and complete the Assessment/Jobsite Preparation Checklist. Then test for resilient wood coating with a Buckeye floor finish stripper.
4. Several days before preparing to recoat the wood floor, look for coating blisters, tape, gum and heavily soiled baseboards that need to be scraped and cleaned.
5. If there are floor board repairs and/or line repainting needed, complete it several days before preparing the wood floor for recoating.
6. Decide on a crew chief, trainer, and staff. Note equipment availability.
7. Be sure to check power supply and capability to run several swing floor machines at the same time.
8. For newer floors that have been coated less than four times, it is recommended to use solvent-based coatings for the first 3–4 recoats to allow for expansion and contraction. Applying water-based coatings too soon could lead to a condition commonly known as sidebonding/panelization.

**Hillyard Contender has historically proven to have poor adhesion properties for most coatings. Failure to identify and adjust procedures for recoating may result in peeling problems. See special notes for planning the recoating of Contender floors.*

Assessment /Jobsite Preparation Checklist



Task	Check Completed	Comments
Assessment:		
Maintenance products and procedures (previously used)		
Recoat product and procedures (Hillyard Contender)		
Loose, split or missing boards		
Cupping/crowning boards		
Poor adhesion (peeling coating/blisters)		
Paint requiring repair		
Areas where coating is wearing through		
Moisture/physical damage to boards		
Tape, gum, tar and other residue on floor		
Power supply capability for several floor machines		
Large scratches or grooves in floor		
Determine if oil or wax is on floor (test with a Buckeye floor finish stripper)		
Tip:		
* Discuss the above issues with the building manager/owner to determine their expectations <u>before</u> you begin the job.		
Jobsite Preparation:		
Take inventory of tools and supplies needed		
Divide workload among team according to skill		
Use a putty knife to scrape off gum and grime		
Dust mop/sweep the floor, several times if needed		
Pre-scrub traffic lanes/dried spills to remove heavy soil		
Block out sunlight to avoid flash drying the coating		
Block off entryways to avoid contamination		
Avoid contamination from air blowing through fans/doors/windows/ducts		
Apply tape to floor plates		
Let any vapor escape the room to help with drying and curing		
* Differentiate between wood floor damage and floor coating surface damage. Floor recoating is surface maintenance and does not reach wood or marks in between old coatings. Understanding the difference will help the customer develop realistic expectations following a recoat as opposed to a total sand down.		

Complete Tool Checklist



Products and Equipment	Quantity	Comments
Products:		
Screen Clean™ Ready-To-Use Floor Prep Cleaner and Tacking Solution		
Tenacity® All-Purpose Cleaner		
Wood Floor Coating (water-based or oil)		
#120 grit screens		
Standard white and red or blue floor pads		
Coliseum Odorless Virgin Mineral Spirits/Waterless Cleaner (polyurethane clean-up only)		
Buckeye Green Light™ Super Concentrated Floor Cleaner		
Floortonic™ Burnishing Liquid		
Workout® The Muscle Cleaner (tape adhesive remover)		
Equipment:		
T-bars (18" or 24" lightweight or heavyweight)		
Synthetic T-bar pads		
Maroon Pads & SPP Pads		
Large bath size terry tack towels (untreated and pre-rinsed with water)		
Dust mop (clean, untreated)		
Front-mount wet vac		
Autoscrubber		
Cleaning pads for autoscrubber		
175 rpm swing machine		
White pad for 175 rpm to hold screens		
Push brooms (36" or 24")		
Dust mop		
Wet mop		
Mop bucket and wringer		
Buckeye Reflections pour can		
Gloves (neoprene or nitrile)		
Safety glasses		
Caution signs		
Preparation checklist		
Putty knives (scrape gum, baseboards, blisters)		
Tape for metal plates (1½" or 2" painters tape) & Utility knife		
Trash can polyliners		
12 and 14 gauge 50' extension cords		
Rags for clean-up		

Jobsite Preparation

What you need: Completed Assessment / Jobsite Preparation Checklist, Complete Tool Checklist

Estimate: **Wood Floor Coating** needed for job at 500 sq.ft./gallon per coat
Blue Pads for pre-scrubbing at 2,000 sq.ft./side
Screen Clean Ready-To-Use Floor Prep Cleaner and Tacking Solution at 250-400 sq.ft./gallon
#120 Grit Screens wet/dry abrade at 200/250 sq.ft./side
Tack Towels at 8 per 5,000 sq.ft.

Note: Material use may vary by 20% depending on conditions (have extra on site).

Prepare and Coat Wood Floor

1. Take inventory of tools and supplies needed.
2. Split workload among team members according to skill level.
3. Use a putty knife to scrape off any gum and grime that is stuck on the floor.
4. Dust mop/sweep the entire floor thoroughly. Repeat if necessary.
5. Pre-scrub traffic lanes and dried spills to remove heavy soils.
6. Scrub and abrade floor using proper “Clean and Abrade” procedures.
7. Pick up any moisture left behind from equipment leaks and wet mopping.
8. Tack floor as explained in the “Clean and Abrade” section. Let air dry thoroughly.
9. Apply tape to floor plates and retouch small paint scratches with permanent markers.
10. Temperature should always be between 55° and 75° when coating the floor.
11. Do not let direct sunlight shine on the floor. This will prevent floor coating from flash drying.
12. Block off entryways to public to prevent floor contamination and coating tracking.
13. Prevent air blowing through doors/windows/ducts to avoid dust contamination.
14. Follow “Application Procedures” to properly apply wood floor coating.
15. Promote proper drying and curing by letting wood floor coating vapor escape the area.

Preparation Considerations

1. Repairing Floors
 - Replacing Boards – Manage prior to recoating process
 - Line Paint Cure – Two to five days prior to recoating process
 - Baseboard, Blister, and Tape Cleaning – Manage prior to recoating process
2. Preparing For Floor Recoat
 - Scrape, Sweep, Clean, Abrade, Tack – 30 to 60 minutes per 1,000 sq.ft.
 - Dry Screen Abrade – 24 hours so fine dust settles
 - Final Rinse and Tack Dry – One to four hours
3. Applying Wood Floor Coating
 - Apply with 18" or 24" T-bar – One to two hours per 5,000 sq.ft. including clean-up.
 - One Coat Dry to Tack-Free – Water-base 2–4 hours, and Oil-base 8–12 hours.

* Wait 2–4 hours after **tack-free** for Arena water-based product before beginning the recoat window clock. Wait 6–8 hours after **tack-free** for Coliseum oil-based products before beginning the recoat window clock. See chart on page 16 for recoat window timeline.

Tack-free: Shoes do not stick to coating after standing on floor 2-3 minutes.

175 rpm Swing Machine Procedures

What you need: Screen Clean Ready-To-Use Floor Prep Cleaner and Tacking Solution, #120 grit screens, 175 rpm swing machine, automatic floor scrubber, 36" push brooms (medium bristle), rinsed large white terry tack towels, mop bucket, rinsed clean mop head and handle, EZ-Way Applicator or Buckeye Reflections pour can, white floor pads, red or blue floor pads.

1. Prepare Floor For Wet Cleaning

(Wet screening is suggested for older floors that are at least four years old and have been coated four times. If the floor does not meet these requirements, dry screen prep is strongly recommended.)

- Complete all jobsite preparation procedures.
- Remove debris that may be stuck on the floor (gum, tape, tar, etc.)
- Dust mop the floor to remove any loose dirt. *Note: To remove any adhesives left from tape, gum, etc. use Buckeye Workout® and rinse afterwards.*
- Lay out screens on entire gym floor, measuring out 200 square feet per side. Position screens so you know when to flip another side or when to replace with a new screen.

2. Scrub Floor With Screen Clean Ready-To-Use Floor Prep Cleaner and Tacking Solution*

- Fill the EZ-Way applicator, Buckeye Reflections pour can or mop and bucket with undiluted Screen Clean.
- Apply the cleaner evenly, at approximately 400 square feet per gallon, working with a 200 sq.ft. section of floor at a time.
- Wet scrub the 200 square foot area of the floor with a 175 rpm swing machine and a #120 grit screen on white pad.
- Go over each 200 square foot section with overlapping passes and do not allow the floor to dry. After covering 200 sq. ft., go over the same area a second time at a right angle to the first pass adding water as needed to keep the floor wet. Autoscrub with water to vacuum the slurry and scrub rinse with red or blue pads.
- Flip screen over before starting on the next 200 square foot section.

3. Wet Vacuum and Rinse Floor With Water Before It Dries

- After scrubbing your 200 square foot section in both directions, scrub rinse the floor with an autoscrubber filled with clean water. To remove any water left behind on edges, use a wrung out mop.
- Remove any water left behind using a clean, wrung-out mop or cotton tack towel under a push broom. Be careful not to leave footprints or wheel marks behind.
- Change out rinse water often.

Tip: Use an **autoscrubber** filled with water to vacuum the slurry and scrub rinse with red or blue pads. The **autoscrubber** is more efficient than using a portable wet vacuum and mop bucket.

4. Tack Floor To Remove All Residue — Tack With Screen Clean

- Remove dust or residue with clean tack towels.
- Make sure the floor is completely dry before applying coating.

Tip: A good quality tack cloth is an XL white terry bath towel pre-rinsed with water and dried. Commercial “tack” cloths or “treated” dust mops do not work well. Tacking with Screen Clean will pick up more residue than tacking with water alone and may lead to less tacking being needed on the floor.

Keep Screen Clean Ready-To-Use Floor Prep Cleaner & Tacking Solution clean by using an EZ-Way or Buckeye Reflections pour can. A 5,000 sq.ft. floor requires 8-12 large tack towels. Do not put used towels back into bucket. This will keep rinse and tacking solution clean. Put dirty towels in a separate bucket to be rinsed with water, wrung dry, and reused.

* #100 grit screens must be used at 150 sq. ft. per side to screen Hillyard Contender. Reflections recommends following this with a SPP pad abrade (150 sq. ft. per side) prior to vacuuming and rinsing floor to smooth out screen marks and ensure good adhesion.

Wet Clean and Dry Screen

175 rpm Swing Machine Procedures

What you need: #120 grit screens, 175 rpm swing machine, dry vacuum, automatic floor scrubber, 36" push brooms (medium bristle), rinsed large white terry tack towels, mop bucket, rinsed clean mop head and handle, white floor pads, red or blue floor pads.

1. Prepare Floor For Wet Cleaning

(This procedure can be done on any floor and is strongly recommended for newer floors that are four years old or less and have only been coated less than four times.)

- Complete all jobsite preparation procedures.
- Remove debris that may be stuck on the floor (gum, tape, tar, etc.)
- Dust mop the floor to remove any loose dirt.

Tip: Repeat several times if necessary.

2. Scrub Floor With Tenacity All-Purpose Cleaner *

- Dilute all-purpose cleaner into an autoscrubber with blue scrub pads.
- Autoscrubber should be set at medium solution flow.
- After 2,000 square feet, flip blue pads. Replace once both sides have been used.
- On floors where autoscrubbers are not allowed (new installations, etc.), tack floor with Screen Clean until no dirt remains instead of using the autoscrubber.

3. Rinse Floor Autoscrubber

- After scrubbing your 200 square foot section in both directions, scrub rinse the floor with an autoscrubber filled with clean water. To remove any water left behind on edges, use a wrung out mop.
- Remove any water left behind using a clean, wrung-out mop or cotton tack towel under a push broom. Be careful not to leave footprints or wheel marks behind.
- Change out rinse water often.

Tip: Pre-rinse both new and used cotton tack towels with water to remove any laundry detergent and fabric softener residue.

4. Dry Abrade Floor With Vacuum and #120 Grit Screen*

- Screen floor with a 175 rpm swing machine and #120 grit screen using a white pad. Flip screen after 200 square feet, and discard once both sides are used.
- Go over each 200 square foot section with overlapping passes. Go over the same area a second time at a right angle to the first pass.
- Flip screen before starting on the next 200 square foot section. Discard the screen once section is completed.
- Sweep and dry vac floor to remove all dust from the floor and board seams.

5. Tack Floor Several Times With Screen Clean To Remove Residue

(Tack with Coliseum Odorless Virgin Mineral Spirits/Waterless Cleaner with oil-based coatings)

- Remove dust or residue with clean tack towels.
- Wait 24 hours and then final tack floor.
- Make sure the floor is completely dry before applying coating.

Tip: A good quality tack cloth is an XL white terry bath towel pre-rinsed with water and dried. Commercial "tack" cloths or "treated" dust mops do not work well.

Tacking with Screen Clean will pick up more residue per pass than water alone and may lead to less tacking being needed on the floor.

A 5,000 sq.ft. floor requires 8-12 large tack towels. Do not put used towels back into bucket. This will keep rinse and tack water clean. Put dirty towels in a separate bucket to be rinsed with water, wrung dry, and reused.

If wet cleaning or wet tacking with Coliseum coatings, you must wait to coat until the next day.

* #100 grit screens must be used at 150 sq. ft. per side to screen Hillyard Contender. Reflections recommends following this with a SPP pad abrade (150 sq. ft. per side) prior to vacuuming and rinsing floor to smooth out screen marks and ensure good adhesion.

Arena 300 Wood Floor Coating Application



What you need: Lightweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags/paper towels, blue painters tape, razor knife, black, red and blue Sharpie brand (medium tip) permanent markers.

1. Put painters tape on floor plates, and use Sharpie brand (medium tip) permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Reduce your line of coating as you get closer to the end of the wall. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a regular pace, and apply medium pressure to the lightweight T-bar handle.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 500–600 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thin.
6. Allow 2–4 hours for the first coat to dry thoroughly. **High humidity and/or low temperature conditions will lengthen drying time.** Allow 4–18 hours after first coat dries to **tack-free** before applying the second coat.
Tack-free: Shoes do not stick to coating after standing on floor 2–3 minutes. Curing problems may result if there is not enough time between coats. Apply the second coat within 18 hours. The first coat will require additional abrasion if recoated after the 18-hour window. Let the floor dry at least 72 hours before use.

Note: 18-hour recoat window begins once the first coat dries to tack-free condition. Wait several hours after first coat is tack-free before applying a second coat. Curing problems may result if there is not enough time between coats.

Arena 200 Wood Floor Coating Application

What you need: Lightweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags/paper towels, blue painters tape, razor knife, black, red and blue Sharpie brand (medium tip) permanent markers.

1. Put painters tape on floor plates, and use Sharpie brand (medium tip) permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Reduce your line of coating as you get closer to the end of the wall. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a regular pace, and apply medium pressure to the lightweight T-bar handle.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 600–700 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thin.
6. Allow 2–4 hours for the first coat to dry thoroughly. **High humidity and/or low temperature conditions will lengthen drying time.** Allow 4–18 hours after first coat dries to **tack-free** before applying the second coat.
Tack-free: Shoes do not stick to coating after standing on floor 2–3 minutes. Curing problems may result if there is not enough time between coats. Apply the second coat within 18 hours. The first coat will require additional abrasion if recoated after the 18-hour window. Let the floor dry at least 72 hours before use.

Note: 18-hour recoat window begins once the first coat dries to tack-free condition. Wait several hours after first coat is tack-free before applying a second coat. Curing problems may result if there is not enough time between coats. Third coat may be required.

Coliseum 450 OMU Wood Floor Coating Application



What you need: Coliseum Odorless, Virgin Mineral Spirits/Waterless Cleaner, heavyweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags/paper towels, blue painters tape, razor knife, black, red, and blue Sharpie brand (medium tip) permanent markers, 175 rpm swing machine.

1. Put painters tape on floor plates, and use Sharpie brand (medium tip) permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a regular pace, and keep T-bar head pushed firmly to the floor.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 500–600 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thick.
6. Apply 1 or 2 coats of coating, and allow 8–12 hours for the first coat to dry to tack-free. Tack-free: Shoes do not stick to coating after standing on floor 2-3 minutes. **High humidity and/or low temperature conditions will lengthen drying time.** Allow 16–24 hours after first coat dries to tack-free before applying second coat. 24-hour window starts after first coat dries to tack-free. The first coat will require additional abrasion if recoated outside recoat window. Let the floor dry a minimum of 72 hours before light use. Allow 5–7 days for sports play.
7. After each coat, turn HVAC system on after 6–8 hours to allow for proper drying and curing.

Notes: 24-hour recoat window begins after first coat dries to tack-free condition. Wait several hours after first coat is tack-free before applying the second coat. Curing problems may result if there is not enough time between coats.

Coliseum 350 Wood Floor Coating Application



What you need: Coliseum Odorless, Virgin Mineral Spirits/Waterless Cleaner, heavyweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags/paper towels, blue painters tape, razor knife, black, red, and blue Sharpie brand (medium tip) permanent markers, 175 rpm swing machine.

1. Put painters tape on floor plates, and use Sharpie brand (medium tip) permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a regular pace, and keep T-bar head pushed firmly to the floor.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 500-600 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thick.
6. Apply 1 or 2 coats of coating, and allow 8–12 hours for the first coat to dry to tack-free. Tack-free: Shoes do not stick to coating after standing on floor 2-3 minutes. **High humidity and/or low temperature conditions will lengthen drying time.** Allow 16–24 hours after first coat dries to tack-free before applying second coat. 24-hour window starts after first coat dries to tack-free. The first coat will require additional abrasion if recoated outside recoat window. Let the floor dry a minimum of 72 hours before light use. Allow 5–7 days for sports play.
7. After each coat, turn HVAC system on after 6–8 hours to allow for proper drying and curing.

Notes: 24-hour recoat window begins after first coat dries to tack-free condition. Wait several hours after first coat is tack-free before applying the second coat. Curing problems may result if there is not enough time between coats.

Larry's Super 40 Gym Coating Application



What you need: Coliseum Odorless, Virgin Mineral Spirits/Waterless Cleaner, heavyweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags/paper towels, blue painters tape, razor knife, black, red, and blue Sharpie brand (medium tip) permanent markers, 175 rpm swing machine.

1. Put painters tape on floor plates, and use Sharpie brand (medium tip) permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a regular pace, and keep T-bar head pushed firmly to the floor.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 500–600 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thick.
6. Apply 1 or 2 coats of coating, and allow 8–12 hours for the first coat to dry to tack-free. Tack-free: Shoes do not stick to coating after standing on floor 2-3 minutes. **High humidity and/or low temperature conditions will lengthen drying time.** Allow 6–14 hours after first coat dries to tack-free before applying second coat. 14-hour window starts after first coat dries to tack-free. The first coat will require additional abrasion if recoated outside recoat window. Let the floor dry a minimum of 72 hours before light use. Allow 5–7 days for sports play.
7. After each coat, turn HVAC system on after 6–8 hours to allow for proper drying and curing.

Notes: 14-hour recoat window begins after first coat dries to tack-free condition. Wait several hours after first coat is tack-free before applying the second coat. Curing problems may result if there is not enough time between coats.

Coliseum 275 Wood Floor Coating Application

What you need: Coliseum Odorless, Virgin Mineral Spirits/Waterless Cleaner, heavyweight T-bar, nitrile gloves, safety glasses, Buckeye Reflections pour can (sprinkler head removed), applicator pads, cotton rags or paper towels, blue painters tape, razor knife, black, red, and blue Sharpie brand (medium tip) permanent markers.

1. Put painters tape on floor plates, and use permanent markers to retouch small paint scratches. Remember to turn off all fans and HVAC systems.
2. Fill Buckeye Reflections pour can to the “fill line” on the side of the can with coating, and pour a 4-inch wide line of coating along the starting wall in the same direction of the grain of wood. Add more coating as needed, but do not exceed 6 inches wide. Coating should not run out until you are making the last pass on the opposite side of the gym.
3. With a clean T-bar and pad, drag T-bar with the grain of the wood at a 45 degree angle to maintain a wet edge flow toward you at all times. The first and second pass will push the coating to the baseboard/bleacher, and all following passes will move the coating around towards the opposite wall. Walk at a very slow pace, and keep T-bar head pushed firmly to the floor.
4. Overlap each pass at half the width of the T-bar to keep coating from running back onto the previous pass. Turn the applicator toward you at the end of each pass, and then wring out the applicator on dry floor parallel to wet edge. Starting from the baseboard, feather all turns to keep from missing areas.
5. Follow the recommended coverage of 500–600 sq. ft. per gallon to prevent heavy lapping and dry marks, and be careful not to spread the coating too thick.
6. Apply one coat of wood floor coating. **High humidity and/or low temperature conditions will lengthen drying time.** Let floor dry at least 24 hours before reentering room. Let the floor dry a minimum of 72 hours before light use. Allow 7 days for sports play.

Note: Missed areas may be retouched if noticed immediately.

Recoating Specifications



Product	Applicator	Coverage Rate	Recoat Window	Play Time	Cure Time	VOC
Coliseum 450*	18", 24", or 30" Heavyweight T-bar	500–600 Square Feet / Gallon	16–24 Hours after Tack-Free	5–7 Days	2 Weeks	450
Coliseum 350*	18", 24", or 30" Heavyweight T-bar	500–600 Square Feet / Gallon	16–24 Hours after Tack-Free	5–7 Days	2 Weeks	350
Coliseum 275	18", 24", or 30" Heavyweight T-bar	500–600 Square Feet / Gallon	2nd Coat Not Recommended	7 Days	2 Weeks	275
Arena 300	18", 24", or 30" Lightweight T-bar	500–600 Square Feet / Gallon	4–18 Hours after Tack-Free	2 Days	1 Week	95
Arena 200	18", 24", or 30" Lightweight T-bar	600–700 Square Feet / Gallon	4–18 Hours after Tack-Free	2 Days	1 Week	44
Larry's Super 40	18", 24", or 30" Heavyweight T-bar	500–600 Square Feet / Gallon	6–14 Hours after Tack-Free	5–7 Days	2 Weeks	<497

Tack-free – Shoes do not stick to coating after standing on floor 2–3 minutes

Recoat Window – Time between coats that dried coating may accept next coat without screening.*

Play Time – Time needed before allowing traffic on the floor. More time is always better.

Cure Time – Time needed before using equipment, cleaning solution, matting, or aggressive activity.

Recoat Window, Play Time, and Cure Times will lengthen when temperature and humidity are higher. Letting air flow through the room without introducing contaminants is needed to get rid of coating vapor and promote proper cure.

* Polyurethanes must be screened if recoated outside recoat window.

† Coliseum products normally dry to tack-free in 8–12 hours. Arena products normally dry to tack-free in 2–4 hours. High humidity and/or low temperature conditions will lengthen drying time.

Wood Floor Precautions

- Give the floor time to cure after coating is applied:
 - 7 days for water-based coating
 - 14 days for polyurethane coating
 - Do not use water or any cleaners during cure time.
 - Do not set down walk off mats during cure time.
 - Do not put plastic or other materials on floor during cure time.
 - If possible limit play on floor until after cure time.
- Do not use resilient finish, wax, or restorers on wood floor as these products will cause peeling or slippery conditions and expensive repairs.
- Dust mop treatment may cause slippery conditions that interfere with recoating.
- Do not “wet” mop wood floors because too much water may damage the floor. Damp mop with a flat microfiber mop.
- Always work with the grain of the wood during procedures including dust mopping, tacking, abrading, applying coating and cleaning.
- Follow all product label directions.
- Place walk-off mats at entrances to prevent dust, grit, and moisture from tracking into gym.
- To prevent scratching, put floor protectors on any furniture that may be on wood floor.
- Dust mop several times a day to prevent dust and grit from damaging the shine of the coating.
- Applying wood coating to damaged or peeling wood floors is not recommended.

Maintenance Procedures



What you need: Push broom, scraper, untreated dust mop, wet mop, bucket and wringer, autoscrubber, vacuum cleaner, dust pan, Buckeye Green Light Super Concentrated Floor Cleaner, high speed burnisher.

Note: Floortonic and a high speed burnisher are only to be used with Arena water-based wood floor coatings.

Daily/ Weekly

1. Spot damp mop spills and let dry using ¼ oz. per gallon of water Green Light Solution.
2. Dust mop with untreated mop to remove surface dust. Microfiber dust mops work best.
3. Vacuum entryway mats.

As Needed

1. Use push broom or vacuum to remove heavy grit.
2. Use a white pad and Buckeye Green Light to remove black marks. **** If autoscrubbers are not allowed on gym (new installations, etc.), tack floor with Screen Clean and a clean white bath towel until no dirt remains.***
3. Remove gum and tape.
4. Use protective matting in high traffic areas during special events or any structural maintenance.

Special

1. Prior to special events on the gym floor, scrub the floor with an autoscrubber, white pad and Buckeye Green Light to remove heavy soil films. **** If autoscrubbers are not allowed on gym (new install, etc.), tack floor with Screen Clean and a clean white bath towel until no dirt remains.***
2. Burnish the floor with Floortonic to restore gloss on all Arena water-based wood floor coatings. This burnishing technique may be done at owners' discretion. **** Please see Floortonic catalog sheet for further instructions on burnishing Arena products.***

Notes

1. *Frequent use of an autoscrubber is not recommended. Grit will accumulate in the cleaning pads and scratch the floor, which removes gloss prematurely. Also, moisture may build up in wood floor boards and cause damage to the floor.*
2. *Dust mops often leave a fine dry talc-like powder behind that can cause slipping. A second dry or damp tacking of the floor with microfiber materials is recommended.*
3. *Solvent-based polyurethane coatings do not respond to high speed burnishing.*
4. *No Tape — Game lines, matting and extension cord tape may remove coating.*
5. *Complete the cleaning procedures listed above to avoid slip problems*



Buckeye[®]

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