





Are You Getting the Most Out of Your Wood Sports Floor Program?

Get brilliant shine, excellent durability, and extend the life of your wood floors with our Buckeye Reflections Wood Floor Program. It's easy to follow, cost effective, and will provide years of beauty, performance, safety, and durability.

“ Of all the rooms in a school, the room with the most wear and tear is typically the gym. Once a place for kids and teens to play basketball for a couple of hours a day, the gym has essentially transformed into a multi-purpose room, playing host to all types of sports, pep rallies and even drama productions.¹ ”

¹Greenawalt, Liz. A Game Plan For Maintaining Gym Floors. (June 1, 2007). Retrieved from <http://bit.ly/2cNk91>



“ To preserve the beauty and life of your maple floor, the MFMA recommends that recreational surfaces receive periodic refinishing. Facility use, abuse and maintenance will determine the appropriate refinishing schedule. Most gymnasium floors should be annually recoated.² ”

²MFMA Industry Recommendations - Sanding, Sealing, Court Lining, Finishing & Resurfacing of Maple Gym Floors. (March 2008). Retrieved from <http://bit.ly/2ejRpm2>

What Makes Our Wood Floor Program Different?

The Reflections Wood Floor Program is built around meeting and exceeding tough environmental regulations, and manufacturing products that are easier and safer for employees to use, while also meeting the stringent expectations of Facility Administrators.



Buckeye's standardized training programs can be tailored to your facility's specific needs

Urethane Wood Floor Coatings

Reflections wood floor coatings meet strict VOC regulations* and are single component, 100% urethane products. This significantly improves indoor air quality, worker and visitor health safety, and reduces mixing mistakes and overall costs. We are proud to manufacture 100% urethane products that offer the best combination of appearance, application, durability, safety, VOC compliancy, and cost on the market.

**VOC regulations vary from state to state.*

No Hazardous Crosslinkers

One of the unique health safety features of Reflections wood floor coatings is that they do not require crosslinkers, which contain polyfunctional aziridene. This raw material is used by other manufacturers to crosslink their products for durability. What most facilitators don't realize is the significant health impact this material has on workers and visitors when it is released into the air. This includes respiratory and nervous system health implications, and more. In fact, many manufacturers that use polyfunctional aziridene warn consumers that it should be treated as a potential carcinogen.

Hands-On and Web-Based Training

When you work with Buckeye's full line of wood floor care products, you receive hands-on, personalized training from a Reflections representative, and access to Reflections web-based and DVD training approved by the MFMA (Maple Flooring Manufacturers Association). This allows facilities the opportunity to realize significant cost savings by completing wood floor recoating in-house.

"Facilities can extend the life of a floor just by applying a yearly maintenance finish and recoat, which can range from \$2,500–\$4,500. Putting off this annual maintenance can decrease the lifespan of the refinishing and replacement floor by as much as 30 percent." ³

³Posey, Dave. Extend the Life of Hardwood Floors. (April 26, 2016). Retrieved from <http://bit.ly/2d8ePRr>

Choosing a Wood Floor Prep Procedure

We provide training for your staff on a variety of wood floor preparation methods. Every wood floor is different, and your Buckeye sales representative can help you determine which prep method is best for your floor.

To get started, answer the following questions:

What is the age of your floor?

How was your floor prepared last time?

What type and brand of coating is currently on your floor?

Do you contract out and, if so, why?

DRY SCREENING PREP METHOD

Recommended for:

New wood floors, and for the first few recoats.

Oil-based wood floor coatings are recommended for the first few recoats.

Procedures:

Use swing machines with 120 grit sanding screens.

Flip sanding screens every 200 sq ft.

Replace sanding screens every 400 sq ft.

Vacuum up dust.

Tack Floor using Screen Clean (for newer floors use Coliseum Odorless Mineral Spirits) until no dust remains.

Allow floor to dry completely before coating.

Advantages:

Best abrasion for adhesion.

Available equipment.

Lighter, brighter floors.

Only choice for new floors.

Only choice when applying oil-based coatings the same day as floor prep.

Considerations:

*Significant dust cleanup.

Most labor intensive.

Swirl marks may be seen under coating.

A pre-clean with an auto-scrubber filled with Buckeye Blue, Tenacity or Buckeye Eco E11 All-Purpose Cleaners (diluted per label instructions) may be required for dirty floors.

Do not auto-scrub new wood floors that have been coated less than 3 times in their past.

Do not use an auto-scrubber and coat with oil-based coatings on the same day.

WET SCREENING PREP METHOD

Recommended for:

Older wood floors with several coats of urethane.

Procedures:

Similar to Dry Screening Prep Method.

Use swing machines with 120 grit sanding screens.

Flip sanding screens every 200 sq ft.

Replace sanding screens 400 every sq ft.

Use Screen Clean® Ready-To-Use Floor Prep Cleaner to eliminate dust.

Pick up the Screen Clean slurry with an auto-scrubber equipped with a red, blue or SPP Pad and filled with plain water. Do not allow slurry to dry on the floor.

Tack the floor with Screen Clean and allow to dry before coating.

Advantages:

No dust.

Available equipment.

Good abrasion for adhesion.

Considerations:

More equipment.

Increased humidity.

Must wait overnight to apply oil-based wood floor coatings.

Swirl marks may be seen under coating.

**If the floor is prepared using a dry screen method, all dust and used screens/pads must be soaked in water prior to disposal to prevent a fire hazard.*

AUTO-SCRUB PREP METHOD

Recommended for:

Older wood floors with several coats of urethane.

Procedures:

Scrub floor with an approved maroon pad equipped auto-scrubber using Buckeye Blue, Tenacity or E11 All-Purpose Cleaners per label instructions.

Advantages:

Quickest.

Easy.

Available equipment.

Requires very little training.

Considerations:

Once you auto-scrub prep, there is no returning to screening until the floor is completely sanded.

Decreased abrasion (not a concern when Gym Bond is used).

Decreased deep cleaning.

Recoat Your Wood Floors In-House With Gym Bond®

Gym Bond Water-Based Urethane Bonding Agent takes wood floor coating to a new level, greatly improving the adhesion of new urethane coatings to existing wood floor coatings. It will give you confidence, peace of mind, and save you money.

Simply prepare your wood floors by screening or scrubbing with auto-scrubbers. Then Rinse, Tack, Bond, and Coat. No matter your skill level, Gym Bond is easy-to-use and can be used with all prep procedures.



Application is easy using microfiber flat mops and a pour can at 1,800-2,000 square feet per gallon. **Allow Gym Bond to dry for 2-3 hours (high humidity, temperatures or lack of air circulation will increase this dry time) before applying Arena 300 Water Based Wood Floor Coating. Allow Gym Bond to dry overnight before coating with Coliseum Oil-Based Wood Floor Coatings.** Allow coatings ample time to dry and cure, and then your wood floor will be back in commission.

“ As an in-house cleaning manager I consistently review and weigh the services that we contract with the services we perform in-house. We look for a service that can be brought in-house, performed with equal or improved quality and at lower cost. We did that with gym floor refinishing.⁴ ”

⁴Harris, Kevin S. Surviving A Reduction Environment. (July 1, 2013). Retrieved from <http://bit.ly/2cQLcyz>



Find out how much you can **save** with the Reflections Wood Floor Program using the **Reflections Cost Calculator**. Contact your local Buckeye Representative for more information.

Oil-Based or Water-Based Wood Floor Coatings?

“ At the beginning of a floor’s life — in the years following installation — it is important to keep water from touching the wood. In those first few years, use solvent-based oil modified urethanes because it is more flexible. Wood floors are living, breathing things that move, expand, contract, stretch and swell, so when you have a new installation, you want a product that is a little softer, so that it will move with that floor a little better. Generally, facilities should have a program that features an oil-modified urethane for at least two or three years to make sure the product fills into grooves and moves with the floor.⁵ ”

⁵Greenawalt, Liz. A Game Plan For Maintaining Gym Floors. (June 1, 2007). Retrieved from <http://bit.ly/2d8eEFL>



Arena® Water-Based Wood Floor Coatings

100% urethane, water-based OMU (oil-modified urethane) wood floor coatings

Lowest VOCs allow for wood floors to be recoated during normal business hours

No hazardous additives, catalysts or crosslinkers

Mild scents

High gloss

Exceptional durability

Scratch and scuff resistant

Burnishable to bring back squeak and luster

Apply using a light-weight T-Bar applicator

4 to 18 hour recoat window (after coating is tack-free which is 2 hours under normal conditions)

Light sports play in 48 hours after last coat is applied

Fully cured in 1 week after last coat is applied

Coliseum® Oil-Based Wood Floor Coatings

OMU (oil-modified urethane) wood floor coatings

Multiple options depending on EPA VOC laws

Easy to apply – better viscosity than competitive coatings

Superior gloss

Exceptional durability

Scratch and scuff resistant

Meets VOC compliancy in every state

Cost effective for the most sensitive budgets

Apply using a heavy-weight T-Bar applicator

16 to 24 hour recoat window (after coating is tack-free which is 8 hours under normal conditions)

Light sports play in 5 to 7 days after last coat is applied

Fully cured in 2 weeks after last coat is applied

Screen Clean® Ready-To-Use Floor Prep Cleaner and Tacking Solution

Ready-to-use wood floor prep cleaner for sealed wood floors

Ideal for tacking floors prior to bonding or coating

Removes dirt and soils during wet screening

Dries streak-free

No alcohol, ammonia or butyl



Maintenance

The Buckeye Reflections Wood Floor Program is complete with all the tools and training needed to keep your wood floor clean following the steps outlined in our **Reflections Maintenance Wall Charts** including Daily, Weekly and As-Needed procedures. These wall charts are ideal to post in janitorial closets where wood floor maintenance equipment and supplies are stored.



Have new or part-time employees? Our **Reflections Maintenance training video** is a valuable tool for all employees. This video covers everything from vacuuming mats to burnishing wood floors. It is a must-view for any facility wanting to get the most out of their wood floor.

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While a properly installed and finished floor can withstand high levels of foot traffic and action, proper care and maintenance is a critical component in getting the most life out of a hardwood floor. ⁶

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⁶Posey, Dave. Extend the Life of Hardwood Floors. (April 16, 2016). Retrieved from <http://bit.ly/2d8ePRr>

Seeing is Believing

Schedule a Buckeye Reflections product demonstration or host a wood floor seminar at your facility. We're confident you'll be impressed with the results.

1. Contact your local Buckeye representative to set the date and time.
2. See a product demonstration or host a seminar and receive hands-on training with the products, procedures and equipment needed for your wood floor.
3. Meet with your Buckeye representative to discuss results and feedback.

“ Whether starting from scratch or working with what you have, the case of wooden gym floors is clear. An ounce of prevention is worth a pound of cure.⁷ ”

⁷Summerstone, Lauren. A Game Plan For Cleaning Gym Floors. (February 1, 2001). Retrieved from <http://bit.ly/2cNn1UK>

Maintenance Products



Floortonic® Burnishing Liquid One-Step Cleaner and Gloss Restorer

Burnishing liquid for use with Arena water-based coatings
Restores traction and squeak
Cleans and restores gloss
Dilutable and easy-to-use with auto-scrubbers
Cost effective
Works with all wood floor coatings for overall versatility with all burnishing programs



Eco® Floor Cleaner Fragrance-Free (E32, S32) Eco Floor Cleaner (E33)

Super concentrated
Low foaming
UL listed for slip resistance
Lowest end-use cost solution for floor cleaning
Will not damage floor finish





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