



Features

- Water-based aliphatic water-clear urethane wood floor coating
- Single component – no mixing of hazardous cross-linkers
- VOC compliant
- Extremely mild scent
- Can be recoated in as little as 3 hours and played on in 24 hours
- Superior film hardness
- Brilliant shine
- Water clear dry film



Advantages

- **Environmentally safer – no personal exposure to Polyfunctional Aziridine Crosslinker (carcinogen, dermal and pulmonary sensitizer)**
- No product waste – cap off unused portion and use within 45 days
- No solvent odor – can coat floors without odor complaints
- Floors are back in service faster
- Quicker recoat – 2 coats in 1 day under normal conditions
- Superior abrasion and scuff resistance
- Floors look better longer
- Will not darken the gym or paint lines – natural colors shine through the water clear film

Available in:



Coverage:

- 500–600 square feet per gallon
- 3 to 16-hour recoat window

Other Equipment needed:

- Low-speed, single disc floor machine (150-200 rpm) with #120 grit abrasive disc screens
- Fully charged autoscrubber equipped with red or blue scrub pads and filled with water
- Doodlebug with brown or black pads for cleaning edges and corners
- Clean mop and bucket filled with water for rinsing edges and corners
- 24-inch push broom (for sweeping and tacking)
- Terry cloth towels for tacking
- Putty knife or scraper
- Lightweight T-bar (18" or 24") with Padco Woven Floor Coater Pads
- Blue painter's tape for protecting volleyball caps and electrical outlets
- Tenacity® All-Purpose Cleaner (if floor needs to be pre-cleaned prior to surface preparation)
- Screen Clean™ Ready-To-Use Wood Floor Prep Cleaner and Tacking Solution
- Buckeye Reflections Pour Can
- Flat microfiber finish mop (for application of Gym Bond only)

Surface Preparation:

Follow MFMA and NOFMA guidelines for wood acclimation time prior to installation, sanding, and finishing.

DIRECTIONS

This product is designed to be used as is (DO NOT DILUTE). Thinning or reducing with solvents is not recommended.

Previously coated floors:

It is strongly recommended to test a small area first for adhesion purposes over a previous water-based or unknown coating.

1. Remove all tape and gum with a putty knife or scraper. Then clean the floor with **Tenacity®** if floor is extremely dirty.
2. Let floor dry completely.
3. Screen floors using #120 grit screens (200 sq.ft per side) using **Screen Clean™** Ready-To-Use Floor Prep Cleaner at approximately 400 sq ft per gallon until gloss is removed.
4. Scrub/rinse floor with autoscrubber (with pure water) and red or blue pads.
5. Tack floor with **Screen Clean** using clean, white cotton bath towels until no dirt or residue remains on the floor. Allow floor to dry completely.
6. Tape off volleyball caps and any floor outlets with blue painters tape.
7. Apply a thin coat of **Gym Bond** with a flat microfiber finish mop at 2,000+ sq. ft. per gallon. Mop strokes should be in line with the grain of the wood. Maintain a wet edge when applying Gym Bond. Do not allow Gym Bond to puddle. Allow the floor to dry for 2 hours after Gym Bond application.
8. Continue on to Coating section.

For instructions on newly installed floors, sanded to bare wood floors, and applying sealer, please contact your Buckeye sales representative or the Buckeye Research department.

Line Marking:

Follow the procedures and only used the approved paints outlined in Buckeye Research Fact Sheet 1510. This is available on the Buckeye Reflections website at www.buckeyereflections.com or you can contact your local Buckeye sales representative or Buckeye Research department for more information.

Coating:

1. Turn off HVAC system and fans. Apply **Arena GameChanger** with a lightweight T-bar applicator equipped with a Padco Woven Floor Coater Pad at 500-600 sq. ft. per gallon. Do not allow finish to puddle.
2. Let floor dry 3-16 hours before recoating. High or low temperatures and/or high humidity will affect dry times. Finish with 1-2 more coats of **Arena GameChanger** if desired.
3. If applying multiple coats, abrade floor with a 3M SPP pad if cured more than 16 hours between coats. If more than 48 hours has passed since last coat, screen the floor with a #120 grit sanding screen before recoating.
4. Let floors cure for 6 hours before allowing light traffic, and at least 24 hours before sports play.

Adequate ventilation is imperative during curing time. Dry times will vary based on conditions. Do not apply when temperature is above 95°F or below 65°F, or when humidity is above 80%.

Maintenance:

1. Use **Buckeye Green Light™ Cleaner** diluted at ¼ oz. per gallon of water to remove tough soils/dirt. Follow directions on label.
2. Tack floor once per week using **Screen Clean** with a clean, white cotton bath towel wrapped around a push broom.
3. Keep shoe traffic limited by placing walk-off mats at all entrances to prevent dirt from tracking onto the floor, and keep mats clean. Be mindful not to drag tables/chairs across the floor, which may cause floor damage.

Troubleshooting

Slow dry – low curing temperatures, high humidity, lack of air movement, or lack of ventilation after application.

Streaks – result when coating is applied too thin.

Fisheyes – foreign material on the surface such as oil, grease, or silicone.

Bubbling – results when coating is overworked with the applicator including shaking the coating before application or high temperatures during application.

Peeling – improper floor prep.

Dirt particles – result from ineffective vacuuming and tacking, when the applicator is not “de-fuzzed” causing loose fibers in the film, or when room vents are not sealed off during application.

Hazy film – results when there is high humidity during drying.

Steel Wool Pads – Do Not Use. Steel fibers will remain in the floor and will rust when coated.

String mops – Do Not Use. Mops apply unevenly and leave behind swirl marks.

Air Movement – Close all doors, windows, and turn off vent fans and AC fans. Premature curing can occur, disrupting flow and leveling.

Technical Specifications:

Color	Opaque White
pH	7.9 ± 0.2
Weight/Gallon	8.7 lbs.
Solids	30 ± 1%
VOC	<90 g/L
Fragrance	Bland
Flash Point	None
Freeze Stability	3 cycles passed
Alcohol Resistance	Excellent
MFMA	Approved

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