

arena® 300



100% urethane quick-dry wood floor coating with exceptional durability and shine for all types of wood

Features

- 100% urethane, water-based OMU (oil-modified urethane) wood floor coating
- Extremely mild scent
- Superior film hardness
- Single component, no mixing
- Easy application
- Exceptional gloss
- Quick dry time
- Greater abrasion resistance

Advantages

- Environmentally safer — VOC compliant
- No solvent odor
- No mixing required
- Excellent leveling
- Quicker recoat

Available in:



4x1
Gallon
Cases



5-gallon
Action
Pacs®

Coverage:

- 500–600 square feet per gallon
- 4 to 18-hour recoat window **after tack-free**

Additional Products:

- Buckeye Green Light™ Super Concentrated Floor Cleaner
- Floortonic® Burnishing Liquid

Other Equipment needed:

- Low-speed, single disc floor machine (175 rpm) with 20-inch, #120 grit screens
- 24-inch or 36-inch push broom (for sweeping and tacking)
- White cotton bath towels for tacking
- Putty knife or scraper
- Lightweight T-bar (18" or 24")

Preparation:

Apply **Arena 300** only when temperature is between 65°F and 95°F, and humidity is under 80%. For best results, place Arena 300 near the wood floor ahead of time to acclimate to the same temperature as the floor.

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

Note:

Do not use Steel Wool Pads in preparation or application. Steel fibers that remain on the floor will rust when coated.

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.

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

Note: Do not use Arena 300 on solvent stained wood unless the stain has been sealed.

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 until gloss is removed. **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.**
4. Scrub/rinse floor with autoscrubber and red or blue pads.
5. Tack rag floor with water.
6. Continue on to Coating section.

Complete line painting after floor preparation and before applying coats of **Arena 300**. Consult a Buckeye representative for painting instructions.

Note: Test paint before using.

Coating:

Buckeye Reflections highly recommends the use of Gym Bond prior to coating floor with Arena 300 to maximize adhesion. See Gym Bond literature for proper instructions.

1. Apply **Arena 300** with a lightweight T-bar applicator going with the grain. Do not puddle coating.
2. Let floor dry approximately 2–6 hours to tack-free. Tack-free: Shoes do not stick to coating after standing on floor 2–3 minutes. Then allow at least an additional 4 hours but no more than 18 hours **after tack-free** before recoating.

Note: Abrade floor with a maroon pad if cured more than 18 hours but not more than 72 hours. Do not use a screen.

3. Apply next coat of **Arena 300**.
4. Close doors and windows, and turn off vent fans and air conditioning fans to avoid excess and directed air while coating.

Clean-Up and Curing:

1. Clean tools, equipment and work area with water.
2. Floor will dry to tack-free in 2–4 hours under normal conditions. High humidity and/or temperature may affect dry time.
3. Let the floor dry at least 48 hours before allowing sports play. Do not pull out bleachers or put anything permanently on the floor until 7 days has passed.

Adequate ventilation is imperative during curing time. Dry times will vary based on conditions.

Maintenance:

1. Dust mop the floor daily.
2. Use Buckeye **Green Light™** to remove tough soils/dirt. Follow directions on label.
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 | Off-White |
| pH | 7.7 ± 0.2 |
| Weight/Gallon | 8.5 lbs. |
| Solids | 30 ± 1% |
| VOC | <95 g/L |
| Fragrance | Bland |
| Flash Point | None |
| Freeze Stability | Keep from freezing |
| Alcohol Resistance | Excellent |
| MFMA | Approved |



For more information about Arena 300, scan this code.

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