

## arena™ 50



A VOC compliant water-based wood sanding sealer

### Features

- VOC compliant
- Seals wood completely
- Colorless water-white non-yellowing film
- Quick dry time
- Minimizes sidebonding/panelization
- Virtually odorless
- Non-flammable
- Water clean-up

#### Available in:



4x1  
Gallon  
Cases



5-gallon  
Action  
Pacs®

#### Coverage:

##### Wood Seal

- 300–500 square feet per gallon
- Wait 2 to 3 hours before applying a second coat

### Other Equipment needed:

- Low-speed, single disc floor machine (175 rpm) with 20-inch, #100, #120 or #150 grit screens or SPP pad (depending on floor inspection)
- Vacuum (for removing dust)
- 24-inch or 36-inch push broom (for sweeping and tacking)
- Terry cloth towels for tacking
- Putty knife or scraper
- Lightweight T-bar (18", 24", or 30")

### Preparation:

Follow MFMA guidelines for proper sanding.

Make certain that the floor is clear of contamination including oils, silicones, waxes, fillers, and stains that contain stearates as they may cause adhesion problems.

# DIRECTIONS

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

*For sand-downs of existing floors, not for new floor installations.*

## Wood Staining:

**Note: Refer to Buckeye Reflections Staining letter at <http://www.buckeyereflections.com/resources>**

Recommended stains:

1. Test wood stain and top coat for compatibility.
2. Following the label instructions, apply wood stain.
3. Wipe off any excess material with the grain, and let dry thoroughly. Then, lightly sand before applying seal coat.

## Sanding and Finishing Previously Sealed Wood Floors:

1. Sand and prepare the floor using MFMA-accepted methods.
2. Make your final cut with #100 or #120 grit screens (Contractor will decide). This process will reduce the amount of grain raise.
3. Vacuum thoroughly several times.
4. Tack with clean, dry towels wrapped around a clean push broom until the towel no longer removes any dust. For best results, let dust settle overnight. Then vacuum and tack again.
5. Apply sealer and Arena wood floor coating (see Arena wood floor coating label directions).

## Seal Coat Application:

**Note: Always use a separate, clean, T-bar applicator for sealer and coating.**

1. Apply **Arena 50** with a lightweight T-bar applicator to sanded wood floor going with the grain.
2. Be sure to use the recommended coverage of 300–500 sq. ft. per gallon to prevent lapping and dry marks. Be careful not to spread the coat too thin.
3. Let the first coat dry at least 2 to 3 hours with good ventilation.
4. Apply second coat of **Arena 50** at least 30 minutes after the first coat has dried to tack-free. Tack-free: Shoes do not stick to coating after standing on floor 2–3 minutes. Let the second coat dry at least 2 to 3 hours.

5. Remove raised grain and roughen the seal with a dry #120 grit screen. Vacuum thoroughly and then tack with a water-moistened towel wrapped around a push broom.
6. Apply line paint.

## Line Painting:

**Note: Test paint before using. Refer to RFS 1510-Buckeye Reflections Wood Floor Painting Instructions.**

1. Apply line paint after the second coat of sealer. Consult a Buckeye representative for line painting directions.
2. Be sure floor is dry. Then apply blue painters tape, and apply paint using Buckeye Reflections recommended paints. **If using another manufacturer's paint, always prepare a sample or test a small hidden area before applying paint to determine compatibility and adhesion.**
3. To ensure crisp lines, allow paint to dry 1–2 hours before pulling the tape. If a second coat of paint is required, remove the painters tape while the second coat is still wet. Let lines dry 1 to 4 days depending on paint. **Do not attempt abrading paint if there is any possibility that the paint might smear.**
4. Abrade dry paint with a #150 grit screen, a #180 grit screen, or SPP pad depending on floor (Contractor will decide).
5. If more than 48 hours have elapsed since abrading the surface to be coated/painted, re-abrade to ensure proper adhesion. Always vacuum and tack with a moistened towel thoroughly after abrading.

## Finish Coats:

Finish with 2 or 3 additional coats of **Arena 300** or **Arena 200**.

## Troubleshooting

**Slow dry** – low curing temperatures, high humidity, 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	Very White
pH	8.4 ± 0.2
Weight/Gallon	8.7 lbs.
Solids	25 ± 1%
Fragrance	None added – polymer scent
Flash Point	None
VOC	<100 g/L
Freeze Stability	Keep from freezing
MFMA	Approved