

coliseum™ 100



A low VOC oil-modified bare wood
sanding sealer

Advantages:

- Environmentally safer - 350 g/L VOC compliant
- Quicker recoat

Coverage:

Wood Seal

- 300-400 square feet per gallon
- 1 to 10-hour recoat window

Build Coats

- 400-550 square feet per gallon
- 4 to 24-hour recoat window

Available in:



Features:

- Low VOC, oil-modified wood sanding sealer
- Deep wood infiltration
- Superior film hardness
- Superior abrasion resistant
- Light in color
- Quick-dry polyurethane

Other Equipment needed:

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

Surface Preparation:

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

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 solvents is not recommended.

For instructions on newly installed floors, please contact your Buckeye sales representative or the Buckeye Research department.

Wood Staining:

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.

Seal Coat Application:

1. Apply Coliseum 100 with a heavyweight T-bar applicator to bare wood.
2. Let floor dry at least 2 to 4 hours with good ventilation for each coat.
3. At least 2 coats of Coliseum 100 are recommended.
4. Remove raised grain with a #120 grit screen. Then tack rag with pure grade mineral spirits.

Warning: Screens and particle dust from Coliseum 100 must be immersed in water

Line Painting:

Note: Test paint before using.

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.
4. 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.**
5. Abrade dry paint with a #120 grit screen, a #150 grit screen, or SPP pad depending on floor.
6. 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.

Coating:

Finish with 2 additional coats of Coliseum 100.

Finish with 1 or 2 coats of Coliseum 450, Coliseum 350 or Coliseum 275.

Respirators should be worn when applying Coliseum 100

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%. Clean up with mineral spirits.

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

Wrinkling – recoating too soon; results when application is too heavy, puddling the coating

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 when the applicator is not “de-fuzzed” causing loose fibers in the film or when the room vents are not sealed off during application

Screen marks – result when an overly-aggressive screen is used between coats

Technical Specifications:

Weight/Gallon	7.55-7.75 lbs.
Color	4-6
Viscosity	A-B
Solids	36.5 ± 1%
Flash Point	105°F
VOC	<350 g/L
MFMA	Approved
Chemical Resistance:	
Stain resistance	Pass
Alcohol resistance	Pass
Naphtha resistance	Pass
Cola resistance	Pass
Beer resistance	Pass
Perspiration resistance	Pass

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