

coliseum™ 450



A low VOC OMU (oil-modified urethane) wood floor coating with exceptional durability and shine

Advantages:

- Environmentally safer – 450 g/L VOC compliant
- Excellent leveling

Coverage:

- 500-600 square feet per gallon
- 16 to 24-hour recoat window after tack-free (Floors normally dry to tack-free in 8-12 hours).

Available in:



Features:

- Low VOC OMU (oil-modified urethane) wood floor coating
- Easy application
- Brilliant shine
- Superior abrasion resistant
- Superior film hardness
- Very light in color
- Great cure time
- Quick dry time

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.

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) until gloss is removed.
4. Tack rag floor with water.
5. 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.

Complete line painting after floor preparation and before applying coats of **Coliseum 450**. Consult a Buckeye representative for painting instructions.

Note: Test paint before use.

Coating:

1. Apply **Coliseum 450** with a heavyweight T-bar applicator going with the grain. Do not puddle coating.

2. Apply 1 or 2 coats. Let coat dry for 8-12 hours to tack-free. Then allow an additional 16-24 hours after tack-free before applying second coat of **Coliseum 450**.
3. If cured more than 24 hours, abrade floor with a maroon pad or #150 grit screen.
4. Let cure 72 hours before light traffic, and 5-7 days before athletic activities.

Respirators should be worn when applying Coliseum 450

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.

Maintenance:

1. Use **Aqua Dust**[™] Dust Mop Treatment for daily dust mopping of the floor. See label for instructions.
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, 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	7.5-7.7 lbs.
Color	6-8
Viscosity	A2-A
Solids	50 ± 1%
Flash Point	105°F
VOC	<450 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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