

Buckeye Reflections  
**GYM BOND**  
Wood Floor Program

Prep and Recoat Your Wood Floor Quickly.  
No Dust. No Mess.  
Utilize Your Existing Equipment.  
Receive Hands-On and Web-Based Training.



## Gym Bond Water-Based Urethane Bonding Agent

This low VOC, water-based bonding agent provides maximum adhesion when applied to previously coated maple wood floors before urethane wood floor coating application. Gym Bond dries fast and clear in two hours (high temperature and/or humidity may affect dry time).

### The Procedures

Achieve maximum time and labor savings following these Gym Bond Wood Floor Program quick and easy procedures. Gym Bond should be used on previously autoscrub prepped floors, when performing the autoscrub prep method and when there are high acrylic to urethane ratio, water-based coatings present. Autoscrubbed prepped floors should not return to screening until the floor is completely sanded.

#### Dust Mop.

Remove tape and gum and then use an untreated microfiber dust mop to remove surface dirt.

#### Clean.

Prior to scrubbing, pre-spray stubborn black marks with Workout® or Eco® Muscle Cleaner E14, scrub with center of 3M SPP pad, and wipe clean with a clean towel. Scrub floor using an autoscrubber at the maximum down pressure setting equipped with 3M SPP pads and Eco Floor Cleaner Fragrance-Free E32 or Eco Floor Cleaner E33 at ¼ oz. per gallon. Flip/change out pads regularly to ensure even abrasion of the floor. A good recommendation is to travel the length of the floor and back overlapping a couple of boards. Flip the pad. Go down and back. Change out the pad. Larger floors will require more pads. Continue until gloss is removed. Clean edges and corners with a mop and bucket, scrub with a doodlebug and a brown or black pad, rinse with a clean mop and bucket filled with water, and allow to air dry.

Scrub rinse the floor using an autoscrubber, a new 3M SPP pad, and clean water. Rinse the edges with a mop and bucket and clean water. Flip the pad at the halfway point. **Tip: Use Buckeye Defoam™ in the recovery tank to reduce trips to empty the scrubber.**

Tack the floor with Screen Clean® and white terry cloth bath towels wrapped around a push broom.



Dust Mop



Autoscrub



Tack Floor with Screen Clean

## The Procedures (continued)

### Bond.

Apply blue painter's tape to floor plates and volleyball standards and trim excess tape. With the HVAC, air exchange, fans, etc. running, apply a thin coat of Gym Bond with a flat mop applicator system at 1,800 sq. ft. per gallon. If a flat mop applicator system is not available, you may also use a standard blue and white blend finish mop at the recommended coverage rate of 1,800 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 2 hours for use with Reflections water-based wood floor coatings. Allow the floor to dry overnight for use with Reflections oil-based wood floor coatings.

**Prior to entering the area after Gym Bond has dried, wipe your shoes well. A towel moistened with Screen Clean is ideal for this. High temperatures and/or high humidity conditions may increase drying and recoat times. Air movement is important while Gym Bond is drying and curing, even overnight. Make sure to have air movement during the curing process.**

### Coat.

Prior to coating application, turn off HVAC system and fans. Make sure all floor plates are covered using blue painter's tape. Apply Arena 300 water-based wood floor coatings at 500–600 sq. ft. per gallon using a light-weight T-Bar applicator system. Apply Coliseum or Super 40 oil-based products at 500–600 sq. ft. per gallon using a heavy-weight T-Bar applicator system.

**See Buckeye Reflections Procedures Manual for more information on applying wood floor coatings.**

Apply multiple coats of Reflections wood floor coatings according to the guidelines outlined in the Buckeye Reflections Procedures Manual.

Allow the gym to dry with no traffic for at least 48 hours for water-based coatings and 5 days for oil-based coatings. Full cure for coatings is one week for water-based coatings and 2 weeks for oil-based coatings. Do not put anything that will sit in one place (such as bleachers or matting) on the floor until after the full cure time. Make sure HVAC system is turned on after the last coat is dry and continues running until sports play.



Apply Gym Bond



Apply Coating



## The Procedures (continued)

### Maintain.

Dust mop the floor with an untreated dust mop to remove surface dust.

Vacuum entryway mats.

Tack the floor with Screen Clean and white terry cloth bath towels wrapped around a push broom at least once every 2 weeks or as needed.

**Do not apply tape of any kind onto the maple floor.**

**See Reflections maintenance wall chart for full maintenance instructions.**



Dust Mop



Vacuum Mats



Tack Floor with Screen Clean as needed

### Troubleshooting

Do not use Gym Bond if the floor has been maintained with paste wax.

Do not use Gym Bond if bare wood is exposed.

Do not use Steel Wool Pads. Steel fibers will remain in the floor and will rust when coated.

Do not allow Gym Bond to puddle or apply too thin.

Do not leave any areas of the wood floor uncovered.

Do not apply Gym Bond to the baseboards as the surface will be sticky.

***During periods of high humidity (indoor relative humidity over 50%) use fans or carpet blowers to continuously move air over Gym Bond as it is drying. Make sure to turn off all air prior to finish application.***

### Buckeye International, Inc.

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