

SURFACE PREPARATION

1. Before sanding, clean the floor using *Waterless Gym floor Cleaner* following label instructions. Cleaning should be done to remove contaminants from the floor before sanding.
2. Using an automatic scrubber, Wet Screen floor using a 4 ounce per gallon dilution of *Waterless Gym floor cleaner* and a 120 grit screen. Black pads may be used instead of 120 grit screens if it has been determined that they sufficiently roughen the floor. Screen first with the grain and then repeat against the grain. Rinse the floor using an Automatic and *Waterless gym floor cleaner* until all residues have been removed. This process is crucial to the success of the job. All gloss must be removed from the floor which indicates adequate screening.
DO NOT USE STEEL WOOL when using a water based seal.
3. Vacuum. Tack with clean, dry towels until all dust has been removed.

COVERAGE: Approximately 600 square feet per gallon. A T-Bar *Applicator* is recommended

APPLICATION – Reliable 3111

Note – Air handlers should be turned off for the initial application. Once a skin has formed on the drying material, the air movement should be turned on to promote drying.

1. Pour sealer into a clean, dry plastic pour can. Set aside for approximately 10 minutes to allow bubbles to break.
2. Rinse T-Bar applicator and remove all excess water. This helps to remove loose fibers.
3. Starting about one foot from the head wall, pour a 4-inch wide line of sealer going with the grain of the wood. Stop about three feet from the opposite wall. As close to the wall as possible, hold the applicator at a slight angle and drag it in a "squeegee" or "plowing" type motion to move the puddle from one side of the room to the other. Continue pulling parallel passes until the floor is coated. Brush out all turns, stops, and other applicator marks brushing the direction of the puddle-line. Add sealer to the puddle-line when needed to maintain a wet edge across the room.
4. When 2-3 feet from exiting wall, begin to taper the puddle-line down to a nickel size bead. Back out of the room by wetting small sections of the remaining floor. Feather the coating away from you in the same direction as the grain of the wood.

TIPS FOR BACKING OUT OF THE ROOM

Note - Do not coat past exit door and "paint yourself into a corner." Be careful not to coat an area too deep to feather out. Limit sections to maximum depth of 3 feet.

- Leave a crisp, straight transition line from wet area to dry area. Do not leave dry streaks or puddles along transition line.
- Go to far end of walkway (corner) and pour a small, pancake size puddle of sealer and coat in a 2-3 foot deep section across full section of walkway. Pull excess sealer towards you.
- Feather section parallel with the grain of wood. Push the applicator away (rather than pulling it towards you) during feathering to minimize stop marks and transitions.
- Repeat process as needed to back out of room.
- Allow each coat a minimum of 30-45 minutes to level.
- After sealer levels, place fans in an adjacent area to pull moisture away from the job site. When each coat has dried a minimum of 3 hours, re-measure moisture content. If moisture content is above the first reading, allow more dry time before proceeding to the next application.
- It may not be necessary to abrade before final coat if the previous coat has been allowed to dry longer than 6 hours. If the 6-hour window has elapsed, abrade with new 120-grit screens. Vacuum and tack with water-dampened towels between coats.
- Apply a second coat in the same manner. When coating gymnasium floors, screening is recommended.

PAINTING GAME LINES

Allow *Reliable 3111* to dry overnight with good ventilation before preparing for painting. An overnight dry will allow the sealer adequate cure time to tolerate tape and tape removal.

1. Screen sealer with new 120-grit screens. Remove all dust. Screening creates a surface to which the paint can bond. Vacuum and Tack the floor with clean, water-dampened towels until all dust has been removed.

2. Lay all of your tape for painting at one time. Use only 3M 2070 or 2090 **OR** Scotch Brand Long Mask Masking Tape. This tape has a special moderate strength adhesive that will not lift the sealer off of the floor. ***Tapes with high strength adhesives can pull the finish off of the floor long after full curing.*** 3M 2090 Long Mask tape is blue in color and easy to see on wood. Natural color masking tape blends in very well with maple and is easily overlooked at removal time.

3. Paint one color at a time and allow each color to dry before moving on to the next. **We recommend that all paints be tested prior to use.**

4. Pull tape immediately after painting is complete.

There are two advantages to doing this:

- The tape lifts off easier because the paint is not dry and will not bond the edge of the tape to the floor.
- It makes a smoother looking transition when the topcoat is applied. When the tape is not lifted immediately, there will be an abrupt square edge at the paint line. It is difficult for the topcoat to cover and hide this line.

5. After the last paint color is applied, allow to dry overnight.

6. Prepare the paint by abrading with a green pad. This creates a surface to which the topcoat can bond.

7. When abrading with the green pad, be sure to remove all gloss. Vacuum up all dust possible and then using towels lightly dampened with water, tack the floor until all paint dust has been removed.

TOP COAT APPLICATION

Apply second and/or third coats using same procedures as first coat.

Daily Maintenance: Dust mop at least daily or more as required to keep floor dust and dirt free. Damp mop spills, salt residue, etc. with diluted Waterless Gym Floor Cleaner and a thoroughly wrung mop.

Weekly Maintenance: If soil conditions are heavy, auto-scrub weekly with red pads and a 2 ounce per gallon dilution of Waterless Gym Floor Cleaner

Restoration: Dust mop floor. Auto-scrub with red pads and 2-4 ounces per gallon of Automagic. Then dry burnish with Aqua pad