
SPORTS ZONE™

Water-Based Wood Coatings Applications and Procedures Guide

SURFACE PREPARATION (for sanded floors):

1. Before sanding, clean the floor using Betco Squeaky Cleaner following label instructions. Cleaning should be done to remove contaminants from the floor before sanding.
2. Sand floors using accepted NOFMA/MFMA procedures. All old finish must be removed. A dust mask should be worn during sanding.
3. Finish sanding with a new 120-grit screen. **DO NOT USE STEEL WOOL.**
4. Vacuum. Tack with clean, dry towels until all dust has been removed.

Using Stains:

Allow oil stains to dry a minimum of 48-72 hours. Apply 2 coats of water-based wood sealer followed by 2 coats of water-based wood finish. **A test board is recommended with any stain to insure compatibility and color acceptance.**

MIXING CATALYST FOR Sealers or finishes (requiring a catalyst)

Always maintain adequate ventilation during all phases of the coating and drying process.

1. Rock side to side or mix the sealer container several times before opening.
2. Pour sealer into a clean, dry plastic pour can.
3. While stirring sealer, slowly add catalyst to sealer or finish (one 3-ounce bottle per gallon or one 15-ounce bottle per five gallons). Continue mixing for 30 seconds after adding catalyst.
4. Use only Betco catalyst. Never add extra amounts of catalyst. Never use catalyzed material that is over 24 hours old and never mix catalyzed material with uncatalyzed material. Set aside for 5-10 minutes to allow bubbles to break.

SEALER APPLICATION

1. Measure moisture content of floor in several areas. We recommend using a Wagner Dual Depth L607 Moisture Meter or equivalent.
2. Rinse refill applicator in water to remove all excess loose fibers.
3. Starting about one foot from the head wall, pour a four-inch wide line of sealer the length of the floor going with the grain. 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. Overlap two inches of last pass and pull parallel passes until entire floor is coated. Brush out all turns, stops, and other applicator marks brushing in 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, brushing away from you in the same direction as the grain of the wood.
5. Allow each coat a minimum of 30-45 minutes to level.
6. 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 2-3 hours, re-measure moisture content. If moisture content is not equal to the first reading, allow more dry time before proceeding to the next coat.
7. If necessary, abrade between coats to remove debris, hair, drips, etc. or if the 6-hour window between coats has elapsed. Abrade with a maroon pad or a new 120-grit or finer screen. Vacuum and tack with water-dampened towels between coats.
8. Apply second coat in the same manner if desired.
9. Abrade second coat of sealer with a 120-grit screen or finer prior to painting game lines or finish coats.

PAINTING GAME LINES

Apply any painted game lines after screening and cleaning the second coat of sealer. Refer to gymnasium technical literature for acceptable paints and painting procedures. Paint must be abraded with a maroon pad or used 120-grit screen prior to applying finish coats.

FINISH APPLICATION

Always maintain adequate ventilation during all phases of the coating and drying process.

1. Measure moisture content of floor in several areas.
2. Rinse refill applicator in water to remove all excess loose fibers.
3. Starting about one foot from the head wall, pour a 4-inch wide line of finish 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 finish 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, brushing away from you in the same direction as the grain of the wood.
5. Allow each coat a minimum of 30-45 minutes to level.
6. After finish 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 (refer to product label instructions), re-measure moisture content. If moisture content is above the first reading, allow more dry time before proceeding to the next application.
7. It may not be necessary to abrade before final coat unless the previous coat has been allowed to dry longer than 6 hours. If the 6-hour window has elapsed, abrade with a maroon pad or a new 120 or finer screen. Vacuum and tack with water-dampened towels between coats.
8. Apply additional coats following the same procedures if desired.

DRY TIME

Allow at least 2-3 hours between coats (depending on the finish used) and 1 hour of good ventilation before closing job site. Keep air moving over floor for several hours. Finish will reach full cure in approximately 7 days. Do not place carpet, rugs, or cover the finish for at least two weeks after completion of coating.

DAILY MAINTENANCE

Do not use cleaners on the floor for the first 2 weeks. Dust mop daily. Use Betco's Squeaky cleaner as directed for maintenance.