

## Typical Properties and Application Procedures

### PRODUCT DESCRIPTION

Basic 1<sup>®</sup> Wood Floor Finish provides all the benefits of a water based urethane with the ease of application, consistent performance, and cost of an oil-modified urethane. Basic 1 is designed to perform like an oil-based finish.

### RECOMMENDED USES

**Residential** – Use Basic 1 wherever an oil-modified urethane has been appropriate in the past.

### TYPICAL PROPERTIES

Color in Container .....Milky white (dries clear)  
Solids Content .....29% +/- 2%  
Chemical Resistance .....Excellent  
VOC .....Maximum VOC does not exceed 350 grams/liter, less water  
Flash Point .....Greater than 200° F  
Luster @ 60° on wood .....Gloss >80 units; Semi-Gloss 45-55 units; Satin 25-35 units  
Freeze/Thaw Stability .....Stable (if frozen, thaw completely before using)  
Dry Time .....Minimum 2-3 hours between coats and 1 hour of good ventilation before closing job site. Use of fans and moisture meter is recommended.  
Clean Up .....Water  
Storage .....Do not store above 120° F (49C)  
Packaging .....1 US gallon plastic jug (4 per case); 5 US gallon plastic pail

### RECOMMENDED APPLICATORS

Basic T-bar Applicator, synthetic lamb's wool applicator or 1/4" nap roller

### COVERAGE

Approximately 550-650 square feet per gallon using Basic T-bar Applicator is recommended; 500- 600 square feet per gallon using synthetic lamb's wool applicator, depending on conditions.

### RECOMMENDED SYSTEMS

**Full Sand** – 3-4 coats Basic 1

**Recoat** – 2 coats Basic 1

### SURFACE PREPARATION

1. Before sanding, clean the floor using Basic Squeaky Cleaner following label instructions. Cleaning should be done to remove contaminants from the floor.
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.

### APPLICATION OVER STAINS

Do not use over stain

### FINISH APPLICATION

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

1. Shake the finish container several times before opening.
2. Pour finish into a clean, dry plastic pour can. Set aside for about 10 minutes to allow bubbles to break.
3. Measure moisture content of the floor in several areas. We recommend using a Wagner Dual Depth L607 Moisture Meter or equivalent.
4. Rinse refill applicator and remove all excess water. This helps to remove loose fibers.
5. Edge out about 6 inches from the baseboard or wall with a paint pad or polyester brush. Stay within 2-3 feet of the puddle-line to avoid lap marks, streaking or thicker film build. Be sure to feather the edge.
6. Starting about one foot from the head wall, pour a 4-inch wide line of finish 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 the floor is coated. Brush out all turns, stops, and other applicator marks brushing in the direction of the puddle-line.

Feather out turns with a painters pad after the t-bar has made the turn. Add finish to the puddle-line when needed to maintain a wet edge across the room.

7. 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.
8. Allow each coat a minimum of 30-45 minutes to level.
9. 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 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 application.
10. If necessary, abrade between coats to remove debris, hair, drips, etc. or if the 24-hour window has elapsed. Abrade with the pad and strip system using 180-240 grit sanding strips. Vacuum and tack with the Basic Microfiber Mop in between coats.
11. Apply remaining coats in the same manner.

## RECOATING PROCEDURES

### OBLIGATION OF MANUFACTURER

The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers of seller and manufacturer.

**NOTE** The TyKote® Dustless Recoating System is not recommended for use with Basic 1 on manufactured prefinished floors.

**DO NOT USE** Basic 1 over waxed surfaces. See technical bulletin, *Testing for Waxes and Polishes*.

1. Tack the floor with Basic Squeaky Cleaner following label instructions.
2. Abrade with new 100 or 120-grit screens. **DO NOT USE STEEL WOOL.**
3. Vacuum. Tack the floor with clean, water dampened towels until all dust has been removed.
4. Apply two coats Basic 1 using the procedure described above.

### DRY TIME

Allow at least 2-3 hours between coats and 1 hour of good ventilation before closing job site. Keep air moving over floor for several hours. The floor may be opened to light traffic and furniture replaced after 24 hours dry time; however, it is susceptible to scuffing or marring. Finish will reach full cure in approximately 7 days. Do not place carpet, rugs, or cover the finish for at least two weeks after coating.

### DAILY MAINTENANCE

Do not use any liquid cleaners other than water on the floor for the first 2 weeks. Use Basic Squeaky Cleaner as directed for routine cleaning and maintenance once the 2-week window has passed. See Basic's maintenance brochures for additional instructions.