

MASTERLINE Water-Based Polyurethane One-Component Water-Based Polyurethane Finish

Masterline Water-Based Polyurethane is a single-component, durable wood floor finish suitable for residential and commercial uses. A less than 275 VOC water-based formulation allows for a fast drying finish. With a 2-hour recoat time you can finish two coats in one day. Masterline Water-Based Poly can be applied by roller or T-bar and exhibits outstanding flow and leveling. Available in Satin, Semi-Gloss and Gloss.

SURFACE PREPARATION:

NATURAL FLOORS: Sand and prepare floor according to NWFA recommended methods. Finish abrading with a 120 or 150 grit pad or equivalent. Do not use steel wool. Vacuum thoroughly and tack floor with a slightly water-dampened cloth to remove all dust. Apply 1 coat of DuraSeal Fast Dry Sanding Sealer and 2 coats of Masterline Water-Based Polyurethane Floor Finish. NOTE: If applying to white oak, use 2 coats of DuraSeal DuraClear Sealer.

STAINED FLOORS: Sand and prepare floor according to NWFA recommended methods. Finish abrading with a 100 grit pad or equivalent. Do not use steel wool. Apply DuraSeal Quick Coat Penetrating Finish according to label directions. Apply 2 coats of Masterline Water-Based Polyurethane over thoroughly dried stains.

PREVIOUSLY FINISHED FLOORS: Note: Do not apply over wax, lacquer, stains or shellac containing wax or stearates. Be certain floor is free from all wax or oily residue. Clean and abrade floor using the DuraSeal Pre-Treat System. Do not use steel wool. Vacuum thoroughly and tack floor with a slightly water-dampened cloth to remove all dust. Apply 2 coats of Masterline Water-Based Polyurethane.

APPLICATION NOTES: Be certain all material is at room temperature. Invest container gently several times fore each use to thoroughly mix product. Use a synthetic bar applicator to provide the smoothest finish. A ¼" or 3/8" nap roller can also be used if desired. Best results are achieved when ambient temperatures are between 50° and 90° F, and humidity below 80%.

- 1) Pour a 5"-6" wide line of finish along the starting wall, doing with the grain of the wood.
- 2) Using a clean, dampened applicator, pull the finish toward the opposite wall doing with the grain of the wood. Holding the applicator at a "snowplow" angle with maintain a wet edge at all times.
- 3) As you approach the end of the run, turn the applicator toward you and pad out excess material parallel to the wet edge.
- 4) Feather out all turns, as well as all starting and stopping points.
- 5) APPLY MASTERLINE WATER-BASED POLYURETHANE AT 500 SQ.FT.PER GALLON TO ACHIEVE PROPER FILM BUILD AND PREVENT LAPPING AND APPLICATOR MARKS.
- 6) Allow first coat to dry 2-3 hours. EXTENDED DRY TIME IS REQUIRED WITH HIGH HUMIDITY AND LOW TEMPERATURE CONDITIONS.
- 7) Abrade floor lightly with a used DuraSeal Pre-Treat pad. Vacuum thoroughly and tack floor with a slightly water-dampened cloth to remove all dust. Abrading is not required for additional coats if the finish is applied within 8 hours of the previous coat.

DRY TIME: Light foot traffic is acceptable after 24 hours. Do not expose the finish to rugs, cleaners, spills or heavy traffic for one week. Dry times are based on application of thin coats, good ventilation, average temperature of 77° F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or excessive application will extend dry time.

MAINTENANCE: Use walk-off mats at all entrance doorways to keep dirt and grit to a minimum. Sweep or vacuum daily and damp wipe as needed with DuraSeal Hardwood Floor Cleaner. Do not use all-purpose cleaner/degreaser products.

CLEANUP/STORAGE: Clean application tools with warm water immediately after use. STORAGE: Store at room temperature. If stored at high temperature, cool to room temperature before use. Keep from freezing. Product is unusable if frozen.

SHEEN	SIZE	SKU	CASE
Satin	Gallons	994110000	4
	Fives	994510000	1
Semi-Gloss	Gallons	994120000	4
	Fives	994520000	1
Gloss	Gallons	994100000	4
	Fives	994500000	1

PHYSICAL PROPERTIES:

Resin Type:	Urethane	
Solvent:	Water, 1-methyl-2 pyrrolidone, glycol ether	
Odor:	Mild Amine	
Luster (@60°):	Satin	24 +/- 6
	Semi-gloss	50 +/- 6
	Gloss	90 minimum
No. of coats:	2-3	
	Recoat:	2 hours;
	First coat:	24 hours (light use)
Dry Film Thickness:	0.6 mil/coat	
Flash point:	>212 F (SETAFLASH*)	
Applicator:	T-bar, Synthetic pad or Roller	
VOC (grams/liter):	275 Maximum	
Coverage (sq. ft. /gal):	Approx. 500-600	
% Solids:	29.0 - 31.0	
Pounds/gallon:	8.25 - 8.65	
pH:	7.00 - 9.00	
Viscosity (centipoise):	90 - 130	

*SETAFLASH is registered trademark of Stanhope-Seta Limited.

The Sherwin Williams Company
Cleveland, Ohio 44115