

Technical Data Sheet

MINWAX® Ultimate Floor Finish

DESCRIPTIONS:

Minwax® Ultimate Floor Finish is a technologically advanced, durable topcoat for floors that provides exceptional levels of floor durability in a crystal clear finish. The self-crosslinking technology provides a tough floor finish that is great for any hardwood floor where you want a finish that you can recoat in only two hours, and which does not require sanding between coats. **Minwax® Ultimate Floor Finish** does not amber over time, which makes it especially good for use over light colored woods and stains.

Minwax® Ultimate Floor Finish dries quickly, so you can complete your floor finishing project in just one day. It works over **Minwax® Wood Finish™** stain, over bare wood, and over existing polyurethane finishes. It dries quickly, is lower in odor than traditional solvent-based polyurethanes, and cleans up with soap and warm water.

For Interior Use Only

RECOMMENDED USE:

Designed for interior residential and commercial wood floors.

SURFACE PREPARATION:

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

SAND THE FLOOR

Whether you have a bare wood floor, or a wood floor that already has a finish on it, you will need to sand the floor to prepare it for finishing. Rent or purchase a floor sander. Follow the sander manufacturer's directions to prepare your floor.

You will need to sand your floor down to bare wood if:

- You'd like to change the color of your floor, or
- Your floor's finish is cracking, peeling, or completely worn away in areas, or
- Shellac, lacquer, wax, or products containing wax or stearates have been applied to the floor.

You can do a "screen and recoat" if:

- You do not want to change the color of your floor.
- Your existing finish is in good condition, with no chipping, peeling, or worn through areas, and
- Shellac, lacquer, wax, or products containing wax or stearates have not been applied to the floor.

For a "screen and recoat", there's no need to remove your existing floor finish. Instead, you can simply "screen" the existing finish to prepare it for the addition of new finish.

For all floors, follow the sander manufacturer's directions for your type of project. Remove all sanding dust. Thoroughly wipe the wood with a clean, damp cloth to get rid of any remaining dust.

Allow the wood to dry completely.

Apply Minwax® Wood Finish™ Stain (Optional)

If you have sanded the floor down to bare wood, or you have a new, unfinished wood floor, and you'd like to add color to it, you'll need to stain the floor. Sand and prepare the floor per the sander manufacturer's directions, ending with 100 grit sandpaper or equivalent. Remove all dust. **Apply Minwax® Wood Finish™ Stain** per the directions on the Wood Finish can. Wait 24 hours for the stain to dry, and then apply **Minwax® Ultimate Floor Finish**.

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Note: For bare floors made of white oak, apply **Minwax® Sanding Sealer** before applying **Minwax® Ultimate Floor Finish**. This seals the wood and prevents a possible tannin reaction (discoloration). **Coverage:** Approximately 500 square feet per gallon.

Storage: Store at room temperature. Keep from freezing.

APPLICATION NOTES:

APPLY MINWAX® ULTIMATE FLOOR FINISH

- Before use, stir **Minwax® Ultimate Floor Finish** to rotate the product from the bottom to the top of the can.
- Apply a thin coat using a new synthetic pad applicator. Maintain a wet edge to avoid lap marks.
- Allow the finish to dry at least two hours, but less than 24 hours. If this timing is followed, no sanding between coats is needed! But if you have let the finish dry for more than 24 hours, sand the finish lightly with 220 grit sandpaper. Do not scuff through to bare wood.
- Apply a second coat following the steps above.

If you are applying **Minwax® Ultimate Floor Finish** to bare wood, apply a third coat, following the steps above. If this is a “screen and recoat,” or if you are applying **Minwax® Ultimate Floor Finish** over stain, only two coats are required.

Note: Sanding is not required between coats, but for maximum smoothness, you can choose to sand before the final coat, using 220 grit sandpaper. Allow 2-3 hours dry time before you sand. Product should be at room temperature for best results. The product will appear cloudy in the can, but dries clear. Floor will bear light foot traffic in 24 hours. Avoid heavy traffic, and do not install rugs or clean floors for seven days. When replacing furniture, do not slide.

Complies with EPA rule found at 40 CFR 59: VOC ≤ 275 g/L – 2.3 lb/gal. Do not thin. Nonphotochemically reactive.

For Wood Substrates Only

For more information on floor finishing, visit minwax.com.

MINWAX COMPANY

Upper Saddle River, NJ 07458

Made in the USA with global materials.

1-800-523-9299

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Certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. To learn more, see greenguard.org.

DRY TIME:

Above dry times and coverage rates are based on good ventilation, temperature of 77 °F and 50% relative humidity. Lower temperature, higher humidity, lack of ventilation or application of thick coats may extend dry time. Do not use steel wool with this product.

MAINTENANCE:

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 MINWAX® Hardwood Floor Cleaner. Do not use all-purpose cleaner/degreaser products.

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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.

SAFETY:

CAUTIONS: Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

PHYSICAL PROPERTIES:

		<u>Testing method:</u>
Resin type:	Urethane	
Solvent:	Water, tripropylene glycol n-butyl ether	
Odor:	Mild Amine	
Sheen (@ 60°):	Satin 20 +/- 5	ASTM D 523
	Semi-Gloss 56 +/- 6	ASTM D 523
	Gloss 90 minimum	ASTM D 523
No. of coats:	2 - 3	
Dry-time:	Recoat: 2 hours;	ASTM D 1640 &
	Final coat: 24 hours (light use)	Gardner circular
Dry film thickness:	0.6 mil/coat	
Flash point:	>212°F (SETAFLASH*)	SETAFLASH*
		ASTM D 3828
Applicator:	New synthetic pad applicator	
VOC (grams/liter):	275 maximum	ASTM D 3960
Coverage (sq. ft/gal):	Approx. 500-600	
% Solids:	29.0 – 33.0	ASTM D 2369
Pounds/gallon:	8.65 – 8.76	
pH:	7.00 – 9.00	
Viscosity (centipoise):	90 – 155	

*SETAFLASH is a registered trademark of Stanhope-Seta Limited.