

DuraSeal® Technical Data Sheet

DuraSeal® DuraClear™

DESCRIPTIONS:

DuraSeal® DuraClear™ is a one component non-ambering urethane finish specifically formulated for wood flooring. Because it's water-based, it has little odor and cleans up easily with warm water. It protects and adds beauty to interior wood floors both residential and commercial.

- Excellent Durability
- Non-Ambering
- Ultra Fast-Drying
- Low Odor
- Easy Water Clean-Up
- Low VOC

Available in Satin, Semi-Gloss and Gloss.

RECOMMENDED USE:

Designed for interior residential and commercial wood floors.

SURFACE PREPARATION:

Surface must be dry and free of old finishes in poor condition, paint, wax, grease, polish, dirt and other foreign matter.

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® DuraClear™ Sealer and 2 coats of DuraSeal® DuraClear™ Floor Finish. **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® Penetrating Stain or DuraSeal® Quick Coat according to label directions. Apply 2 coats of DuraSeal® DuraClear™ Floor Finish over thoroughly dried stain. **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 DuraSeal® DuraClear™ Floor Finish. DuraSeal® DuraClear™ Floor Finish will adhere to most stains and finishes after proper preparation. Always prepare a sample or test area to determine compatibility.

APPLICATION NOTES:

DIRECTIONS FOR APPLICATION: Be certain all material is at room temperature. Invert finish bottle 8-10 times to thoroughly mix product prior to use. Use a synthetic bar applicator to provide the smoothest finish. Best results are achieved when ambient temperatures are between 50° and 90° F, and humidity below 80%. **NOTE:** If applying to white oak, use 2 coats of DuraSeal® DuraClear™ Sealer. 1. Pour a 5"-6" wide line of finish along the starting wall, going with the grain of the wood. 2. Using a clean, dampened applicator, draw the finish toward the opposite wall going with the grain of the wood. Holding the applicator at a "snowplow" angle will 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. 5. Apply DuraSeal® DuraClear™ Floor Finish 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 Dura Seal® 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 24 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 conditions of 77° F and

DuraSeal® Technical Data Sheet

DuraSeal® DuraClear™

50% relative humidity at the recommended application rates. CLEAN-UP: Tools should be cleaned with warm water. COVERAGE: Apply at 500 sq. ft. per gal. Maximum VOC: 125 g/L (1.04 lbs/gal). Do not thin.

DRY TIME:

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:

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.

SAFETY:

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

For Wood Substrates Only

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. FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.**

PHYSICAL PROPERTIES:

			<u>Testing method:</u>
Resin type:	Urethane		
Solvent:	Water, Tripropylene glycol n-butyl ether		
Odor:	Mild Amine		
Luster (@ 60°):	Satin	24 +/- 6	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 & Gardner circular
	Final coat:	24 hours (light use)	
Dry film thickness:	0.6 mil/coat		

DuraSeal® Technical Data Sheet

DuraSeal® DuraClear™

Flash point:	>212°F (SETAFLASH*)	SETAFLASH* ASTM D 3828
Applicator:	Natural bristle or foam brush, lambswool or synthetic pad	
VOC (grams/liter):	125 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.