

DuraSeal® Technical Data Sheet

DuraSeal® DuraClear™ Sealer

DESCRIPTIONS:

DuraSeal® DuraClear™ Sealer is a waterborne, fast-drying, non-ambering, crystal-clear sealer specially formulated to provide an outstanding base coat for Dura Seal® Water-Based Finishes. Dura Seal® DuraClear™ Sealer helps prevent tannin discoloration.

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

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.

Make sure material is at room temperature. Invert container gently several times before each use. Best results are obtained at ambient temperatures between 50° and 90°F, and at humidities below 80%. A synthetic bar applicator is recommended, although a synthetic brush or lambswool applicator may be used. Proceed based on floor type as described below. NATURAL FLOORS: Sand and prepare floor according to NWFA recommended methods. Finish abrading with 120 or 150 grit pad or equivalent. Do not use steel wool. Vacuum very thoroughly; then tack with a towel or mop lightly dampened with water to remove all dust. Apply DuraSeal® DuraClear™ Sealer as described below and allow to dry 1-2 hours; then apply coats of your selected DuraSeal® waterborne finish per label directions. Do not screen or abrade sealer prior to applying finish. STAINED FLOORS: Sand and prepare floor according to NWFA recommended methods. Finish abrading with 100 grit pad or equivalent. Do not use steel wool. Apply DuraSeal® Penetrating Finish or DuraSeal® Quick Coat according to directions. Make sure stain is thoroughly cured before topcoating. NOTE: If DuraSeal® Penetrating Finish or DuraSeal® Quick Coat is used, buff cured stain with a green pad. Tack with water-dampened cloth for best leveling and adhesion. Apply DuraSeal® DuraClear™ Sealer as described below and allow to dry 1-2 hours; then apply your selected DuraSeal® waterborne finish per label directions. Do not screen or abrade sealer prior to applying finish.

APPLICATION NOTES:

APPLICATION METHOD: 1. Pour a 4"-6" wide line of DuraSeal® DuraClear™ Sealer directly from the container along the starting wall. Go with the direction of the floor or grain. 2. Pull the sealer with a clean, moistened applicator toward the other wall with an angled, squeegee motion. 3. As you approach the wall, turn applicator and pad out excess material parallel to the wet edge. 4. Feather all turns, stopping and starting points. 5. Allow sealer to dry 1-2 hours; then apply finish within 24 hours. Dry time is based on conditions of 77° F and 50% relative humidity at the recommended application rate. Use two coats of DuraSeal® DuraClear™ Sealer on natural white oak floors.

COVERAGE: Apply at 400-500 sq. ft. per gal.

Maximum VOC: 100g/L (0.83 lbs.gal). Do not thin.

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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.

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: CONTAINS GLYCOL ETHERS AND CYCLIC AMIDES. 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:	Acrylic	
Solvent:	Water, 2-Methoxymethylethoxypropanol	
Odor:	Mild Amine	
No. of coats:	1 - 2	
Dry-time:	Recoat: 2 hours;	ASTM D 1640
Dry film thickness:	0.6 mil/coat	
Flash point:	>212°F (SETAFLASH*)	SETAFLASH* ASTM D 3828
Applicator:	Natural bristle or foam brush, lambswool or synthetic pad	
VOC (grams/liter):	100 maximum	ASTM D 3960
Coverage (sq. ft/gal):	Approx. 500-600	
% Solids:	36.1 – 38.1	ASTM D 2369
Pounds/gallon:	8.34 – 8.74	
pH:	5.5 – 6.5	
Viscosity (centipoises):	45 – 65	

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