

Dura Seal[®] Polyurethane 350 V.O.C.

DESCRIPTION:

Dura Seal[®] Polyurethane 350 V.O.C. is a clear oil-based, durable protective finish specially formulated for hardwood floors.

Available in Satin, Semi-Gloss and Gloss

RECOMMENDED USE:

Designed for interior hardwood 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.

APPLICATION NOTES:

PRECAUTIONS:

Polyurethane will have an ambering effect when applied over light colored surfaces. Do not apply Polyurethane over floors previously finished with wax, shellac containing wax, lacquer, or stains containing wax or stearates.

STIR WELL BEFORE AND OCCASIONALLY DURING USE

New Wood Floors:

1. Properly prepare surface according to NOFMA or NWFA specifications.
2. If desired, apply Dura Seal[®] Quick Coat or Dura Seal[®] Penetrating Finish according to label directions. Allow to dry thoroughly.
3. Apply Polyurethane with a brush or a lambswool applicator in thin coats at a coverage rate of 500 square feet per gallon. NOTE: Application of thicker coats results in extended dry time.
4. Allow to dry at least 8 hours. Abrade thoroughly using Dura Seal[®] Pre-Treat Pad. Vacuum thoroughly and tack floor with a cloth moistened with mineral spirits to remove dust. Apply a second coat of Polyurethane in the same manner as the first (step 3 above).
5. If desired, additional coats of Polyurethane may be applied. Allow each coat to dry at least 8 hours. Abrade thoroughly between each coat using a Dura Seal[®] Pre-Treat Pad.

Screen and Recoat:

1. Clean floor thoroughly to remove all contamination. Abrade floor using the Dura Seal[®] Pre-Treat system. Follow all label directions. NOTE: Do not apply Polyurethane over floors previously finished with wax, shellac containing wax, lacquer, or stains containing wax or stearates.
2. Proceed from step 3 under New Wood Floors.

Sand and Refinish:

1. Sand the floor to bare wood according to NOFMA or NWFA approved methods. Make sure to remove all existing stain and finish.
2. Vacuum thoroughly and tack floor with a cloth dampened with mineral spirits to remove all dust.
3. Proceed from step 2 under New Wood Floors.

COVERAGE: Approximately 500 square feet per gallon.

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DRY TIME:

Approximately 8 hours. Allow to dry overnight for light traffic. Allow to dry 48 hours before replacing furniture and rugs.
NOTE: Drying time will be increased by high humidity, low temperature, lack of air movement or applying too heavily.

CLEANUP/STORAGE:

DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

For easy cleanup, use mineral spirits or paint thinner, following manufacturer's safety instructions.

SAFETY:

WARNING! COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT

CAUTIONS: Contents are COMBUSTIBLE. Keep away from heat and open flame. CONTAINS: ALIPHATIC HYDROCARBONS. **VAPOR HARMFUL.** 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/MSHA TC23C or equivalent) 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 for 15 minutes and get medical attention. For skin contact wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents, which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **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:	Linseed Oil-Modified Polyurethane	
Solvent:	Mineral Spirits	
Odor:	Mild Hydrocarbon	
Luster (@ 60°):	Satin 25 +/- 5	ASTM D 523
	Semi-Gloss 50 +/- 5	ASTM D 523
	Gloss 90 minimum	ASTM D 523
No. of coats:	2 - 3	
Dry-time:	Recoat: 8 hours;	ASTM D 1640 &
	Final coat: 24 hours (light use)	Gardner circular
Dry film thickness:	1 mil/coat	
Flash point:	>101°F (SETAFLASH*)	SETAFLASH*
		ASTM D 3828
Applicator:	Natural bristle or lambswool	
VOC (grams/liter):	350 maximum	ASTM D 3960
Coverage (sq. ft/gal):	500	
% Solids:	50- 56.0	ASTM D 2369
Pounds/gallon:	7.8 - 8.0	
Viscosity (centipoises):	100 - 180	

SOLVENT: Nonphotochemically reactive. Do not thin.

CAS Number

Ingredient

Proprietary	Urethane Polymer
Proprietary	Soya Alkyd Polymer
64742-88-7	Mineral Spirits
556-67-2	Octamethylcyclotetrasiloxane
98-56-6	p-Chlorobenzotrifluoride
112926-00-8	Amorphous Precipitated Silica (Satin and Semi-Gloss)

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

