



TECHNICAL BULLETIN

DURA SEAL® Polyurethane

PRODUCT DESCRIPTION: A transparent, tough, oil-based finish formulated to provide excellent durability and remarkable stain resistance. **DURA SEAL® Polyurethane** gives wood floors depth and richness while protecting them from dirt and spills. Available in four sheens and aerosol Touch-Up Spray. Also available in 450 VOC version.

DIRECTIONS:

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.

New Wood Floors:

1. Properly prepare surface according to NOFMA or NWFA specifications.
2. Seal with **DURA SEAL® Penetrating Finish** or **DURA SEAL® 500 Penetrating Fast Drying Sealer** according to label directions. Allow product to dry thoroughly.
3. Stir product well before and occasionally during use. Apply **DURA SEAL® Polyurethane** with a brush or a lambs wool applicator in thin coats, at a coverage rate of 500 square feet per gallon (750 square feet per gallon for 450 V.O.C compliant product). **NOTE:** Application of thicker coats results in extended dry time.
4. Allow product to dry at least eight hours. Abrade with a maroon pad with sanding strips or a 120 grit screen. If allowed to dry more than 24 hours abrade thoroughly. Tack floor with a cloth moistened with mineral spirits to remove dust. Apply a second coat of **DURA SEAL® Polyurethane** in the same manner as the first [step three above].
5. If desired, additional coats of **DURA SEAL® Polyurethane** may be applied. Allow each coat to dry at least 8 hours. Abrade with a maroon pad with sanding strips or a 120 grit screen between each coat.

Screen and Recoat:

1. Clean floors with an abrasive pad moistened with mineral spirits to remove all grease, oil, dirt, and soap residue. Screen using No.100 grit screen. **NOTE:** Do not apply **DURA SEAL® Polyurethane** over floors previously finished with shellac, lacquer, wax or stains containing stearates or wax.
2. Proceed from step 3 under New Wood Floors.

Old Wood Floors:

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

PRECAUTIONS: **DURA SEAL® Polyurethane** will have an ambering effect when applied over light colored surfaces. Do not apply **DURA SEAL® Polyurethane** over floors previously finished with wax, shellac, lacquer, or stains containing wax or stearates. Allow extra drying time when applying over floors that have been stained. Do not use steel wool or burnish the surface before applying **DURA SEAL® Polyurethane**. Do not apply **DURA SEAL® Polyurethane** during extremely cold or humid weather. Do not close off ventilation after applying **DURA SEAL® Polyurethane**. Always screen lightly between coats.

DRYING TIME: Approximately 8 hours. Allow product to dry overnight for light traffic. Allow product 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.

COVERAGE: Approximately 500 square feet per gallon. [750 square feet per gallon for 450 V.O.C. compliant product].

CLEAN UP: Clean equipment with paint thinner, turpentine or mineral spirits.

MAINTENANCE: Place door mats at all exterior doors. Apply plastic or felt tips to all furniture. Wipe up spills as soon as possible. Vacuum or dust mop periodically to remove dust and grit. **DURA SEAL® Hardwood Floor Cleaner** can be used to remove stubborn stains and dirt.

SOLVENT: Non-photochemically reactive.

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

Before using, carefully read CAUTIONS on back panel.

CAUTIONS:

CONTAINS ALIPHATIC HYDROCARBONS.

Contents are COMBUSTIBLE. Keep away from heat and open flame.

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 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 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 EXPOSURE. 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 reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

SHEEN	SIZE	SKU #	CASE/ PACK
GLOSS	QT	86300	6
	GAL	81300	4
	2.5 GAL	88300000	1
	FIVE	85300	1
SEMI-GLOSS	QT	86305	6
	GAL	813058	4
	2.5 GAL	8305000	1
	FIVE	85305	1
SATIN	QT	86310	6
	GAL	81310	4
	2.5 GAL	88310000	1
	FIVE	85310	1
MATTE	QT	86315	6
	GAL	81315	4
	FIVE	85315	1
GLOSS 450 VOC	GAL	35002	4
	FIVE	35501	1
SEMI-GLOSS 450 VOC	GAL	35003	4
	FIVE	35506	4
	FIVE	35503	1