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10 Mountainview Rd., Upper Saddle River NJ 07458-1933
 Tel: 1-800-364-1359

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2000 ZC-2
Water Based



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DURA SEAL™ 2000 ZC-2 Water Based Finish

PRODUCT MSDS

 [2000 ZC-2 Water Based Finish - Material Safety Data Sheet](#)

PRODUCT DESCRIPTION:

Dura Seal™ 2000 ZC-2 is a two-component, urethane/acrylic wood floor finish formulated for all traffic areas. The unique patented package allows for the crosslinker bottle and the finish container to be sold as a single unit eliminating the possibility of crosslinker not being available. The Dura Seal™ 2000 ZC-2 (zero contact, 2 component) system provides a safer way to add crosslinker and avoids contact with undiluted crosslinker. The crosslinker has a protective foil seal which is punctured when inverted, then placed and turned in the Dura Seal™ 2000 ZC-2 patented dispensing spout. Dura Seal™ 2000 ZC-2 is available in Semi-Gloss and Satin.



PRODUCT USE:

SURFACE PREPARATION: New Floors

Natural Floors:

Sand according to NOFMA or NWFA recommendations. Finish sanding with 120 or 150 grit screen. Do not use steel wool. Vacuum very thoroughly; then tack with a very lightly water dampened cloth to remove all dust. **Dura Seal™ Super Base Sealer** should be used on natural white oak floors.

Stained Floors:

Sand according to NOFMA or NWFA recommendations. Finish sanding with 100 grit screen (80 grit if white stain is used). Do not use steel wool. Apply stain following manufacturer's application and dry time instructions; spot test for compatibility. Make sure stain is thoroughly cured. NOTE: If high solids stain is used, before topcoating, buff cured stain with a green synthetic pad, then tack with a water dampened cloth for best leveling and adhesion.

SURFACE PREPARATION: Previously Finished Floors

NOTE: This product is not recommended for floors that have been previously finished with wax, shellac, lacquer, or stains containing wax or stearates.

Sand and Refinish:

Sand floors according to NOFMA or NWFA recommendations to completely remove old finish. above under New Floors.

Abrade and Recoat:

Clean floor to remove all oil, grease, and dirt; then screen lightly with a 120 grit screen. Vacuum very thoroughly; then tack with a water dampened cloth to remove all dust. Spot test for compatibility of finish before proceeding.

FINISH APPLICATION:

Directions for adding Crosslinker:

- 1) Remove crosslinker bottle from spout.
- 2) Remove cap from crosslinker bottle - DO NOT BREAK SEAL AT THIS TIME.
- 3) Place inverted sealed bottle into spout and push down until a "pop" is heard.
- 4) Turn the bottle approximately 1 revolution and let contents empty into the finish.
- 5) Without removing the crosslinker bottle, replace finish cap and invert finish container several times (10).
- 6) Remove empty crosslinker bottle.

Do not use without crosslinker. Crosslinked material must be used within 48 hours or you have to re-crosslink. Do not re-crosslink more than once. Do not re-crosslink less than one-half (1/2) gallon of finish. Do not use re-crosslinked material past 48 hours.

DIRECTIONS:

Make sure material is at room temperature. A synthetic bar applicator is recommended for even application of product, although a synthetic brush or lambs wool applicator may also be used. Do not use the same applicator that was used for the sealer. Best results are obtained at ambient temperatures between 50°F and 90°F, and at humidities below 80%. If applying to white oak, two coats of **DuraSeal™ 1000 Sealer** is recommended.

- 1) Apply sealer per label directions.
- 2) Pour a 4"- 6" wide line of Dura Seal™ 2000 ZC-2 Finish along the starting wall. Go with the direction of the floor or grain.
- 3) Pull the finish with a clean, moistened applicator toward the other wall with an angled, squeegee motion. As you approach the wall, turn the applicator and pad out excess material parallel to the wet edge. Feather all turns, stopping and starting points.
- 4) Allow finish to dry 2-3 hours before applying next coat.
- 5) Before applying second coat, buff with a medium grit (maroon) pad to achieve a smoother final finish. Note: Buffing is not required for intercoat adhesion unless the previous coat has cured 24 hrs. or more.
- 6) Apply a second coat in the same manner as the first.
- 7) If floor was not stained apply a third coat. Before applying, clean entire floor with a dust mop moistened with **Dura Seal™ Hardwood Floor Cleaner**.
- 8) Apply additional Coat(s) if desired.

SCREEN AND RECOAT:

- 1) Apply initial coat and allow to dry 2-3 hours. (See application procedure #2 above).
- 2) If desired, buff with a medium grit (maroon) pad for a smoother final finish. Vacuum and tack thoroughly.
- 3) Apply the final coat in the same manner as the first.

PRODUCT PROPERTIES:

DRY TIME & CURE	1) Recoat time: 2-3 hours between coats. 2) Wait 24 hours before allowing light traffic. 3. Wait one week before replacing rugs and allowing heavy traffic.
COVERAGE	Approximately 500 - 700 sq. ft/gallon
CLEAN UP	Clean application tools with warm water immediately after use.
MAINTENANCE	Sweep or vacuum regularly to prevent accumulation of abrasive dirt. Do not use all-purpose cleaners. We recommend weekly usage of Dura Seal™ Hardwood Floor Cleaner.
STORAGE	Store at room temperature. keep from freezing. If frozen, warm to room temperature and mix thoroughly before use.

PHYSICAL PROPERTIES:

RESIN TYPE	Urethane/Acrylic
DENSITY (LBS/GAL)	8.70
% SOLIDS	32.0
VISCOSITY - CPS	75 cps
VOC (g/l)	Less than 350 grams/litre or 2.9 lbs/gal
FLASH POINT	Greater than 200°F - Seta Flash

HEALTH/SAFETY:

HMIS RATING:	
Health	2
Flammability	0
Reactivity	0

WARNING:

VAPOR HARMFUL. Use only with adequate ventilation. Skin and eye irritant. Avoid contact with skin and eyes. Wear rubber gloves and safety

glasses when handling. Wash thoroughly after use.

KEEP OUT OF THE REACH OF CHILDREN. DO NOT TAKE INTERNALLY. FOR PROFESSIONAL USE ONLY.

Color	Size	SKU #	Case/Pack
SEMI-GLOSS	GAL*	80405	4
SATIN	GAL*	80410	4
CROSSLINKER**	2 oz	80413	4

*NOTE: Plastic gallon contains 126 oz of finish plus 2 oz of crosslinker packed in gallon spout. Mixture equals 128 oz or 1 U.S gallon.

**For Recrosslinking only

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