

## PREMIUM WATER-BASE WOOD FINISH

### PRODUCT CODE:

81C91	Gloss Premium Water-base Wood Finish
81C51	Semi-Gloss Premium Water-base Wood Finish
81C31	Satin Premium Water-base Wood Finish

### PHYSICAL PROPERTIES:

Viscosity:	90 - 110 cps Brookfield LV
Weight Solids:	30%
Volume Solid:	27%
Density:	1.02 g/ml
pH:	7.5 to 8.5
Sheen:	> 90 (Gloss) 47 – 53 (Semi-Gloss) 27 – 33 (Satin)
Appearance:	Hazy Liquid
Freeze-Thaw Stable	NO (protect from freezing)
Shelf Life:	1 year unopened

### PRODUCT DESCRIPTION AND USES:

The Schwartz Premium Water-base Wood Finish is a high performance single component (1K) polyurethane finish. It provides a beautiful finish and adds a warm look on any interior wood surface. Schwartz Premium Water-base Wood Finish is very durable topcoat providing protection against abrasion, water and household chemicals. Packaged as a convenient single component formula eliminates pot life restrictions and wasted material. Formulated as non-flammable and non-toxic for ease of handling.

### PRODUCT ADVANTAGES:

1. Applies like traditional oil-base finish
2. Performance of a 2K with ease of use of 1K
3. Low foaming and excellent leveling
4. Fast recoat time, same -day mutli-coat application
5. Outstanding abrasion resistance and chemical resistance to most common household chemicals
6. Low odour and very low VOC

### ENVIRONMENTAL INFORMATION:

VOC: max 180 g/L

### APPLICATION DATA:

Suggested Uses:	For use on interior wood surfaces like cabinets, furniture and millwork.
Mixing Instructions:	Finish is ready for use; Mix/Stir well before use. DO NOT THIN DO NOT ADD WATER. DO NOT USE SAME APPLICATOR AS 81C1 TO APPLY FINISH.
Coating System:	Schwartz Premium Water-base Wood finish is self-sealing, apply 1 coat as sealer. For wood species containing high tannin* (i.e. white oak), seal with 81C1 Schwartz Water-base Sealer to block out tannins before applying 2 coats Premium Water-base Wood Finish. *Tannin causes discoloration on majority of water-base topcoat.
Application Tools:	Apply by spray or synthetic brush. USE only when ambient conditions are 18°C to 30°C and RH is 40-60%. To aid in drying, allow for good air movement.
Pot Life:	NA
Coverage:	530 ft <sup>2</sup> /gal (3mils wet film)
Reducer:	Do not thin
Clean-up Solvent:	Water

## DIRECTIONS FOR USE:

**Surface Preparation:** Surfaces must be clean, dry and contaminant-free. Sand wood with 150-grit sandpaper before staining or coating. Remove all dust. When sealer or topcoat is sanded, always apply succeeding coat within 8 hours of sanding. Sand between coats with 280-320 grit sandpaper.

**Dry Time:** Dry to Touch = 30 minutes

Tack Free = 2 hours

Dry Hard = 2 – 4 hours

**CAUTION:** Cold temperature, high humidity, or lack of airflow will prolong dry times.

**Recoat Time:** 2 - 4 hours (25C, 60% RH)

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**Ambient Conditions:** Use only when ambient conditions are 18°C to 30°C and RH= 40-60% Finish temperature must be > 15°C. Wood moisture content must be between 6 - 10%. Allow wood substrates to acclimate to room temperature.

**Clean-up:** Water

**Storage:** Store indoor at room temperature, away from heat, ignition sources, open flames and direct sunlight.

**Application:** Following surface preparation; Apply by spray. Check with equipment manufacturer for settings to achieve the correct atomization. Apply 1 coat of Premium Water-base Wood Finish as sealer. For high tannin-containing wood species (i.e. white oak), apply 1 coat **81C1 Water-base Sealer** as tannin blocker/sealer before applying 2 coats of Premium Water-base Wood Finish. **Stained Surfaces:** Apply stain following manufacturer's directions for application. Schwartz Water-base finishes are compatible with most stains. Allow stain to fully dry for a minimum of 24 hours. Results may vary depending on wood species. Always prepare a test piece to determine compatibility and desired colour or appearance. Schwartz recommends **81D line of Water-base Stains**. Make sure stain is thoroughly dry prior to applying the finish. Always allow to dry and scuff sand between coats with 280-320 grit sandpaper. Film build of entire system must not exceed 5 mils dry film thickness.

**Warning:** AVOID sparking, use non-sparking tools. Avoid open flames, turn off all pilot lights, ensure that work area is properly ventilated. Soiled rags and waste products may contain combustible liquids or vapours, dispose in accordance with local regulations. Refer to MSDS for information on safe use of this product.

## LIMITATIONS and WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job- conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose. Schwartz makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

Schwartz liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which Schwartz product has been applied. Schwartz reserves the right to have the true cause of any difficulty determined by accepted test methods. Schwartz shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

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