PRO FINISHER UNIVERSAL SEALER

DESCRIPTION AND USES

Universal Sealer is a unique wood sealer made from 100% wax-free shellac, designed to enhance the natural wood grain on floors. It penetrates porous wood grain and seals both domestic and exotic woods. It is compatible with oil-based and water-based finishes, and dries quickly to give a rich tone to wood floor surfaces.

PRODUCTS

1-Gallon	5-Gallons	Description
131123	131122	Clear

PAINTING APPLICATION

SURFACE PREPARATION

Previously Finished Wood Floors – To ensure proper adhesion, surfaces must be clean, dry, and free of wax, grease, oil, shellac, lacquer, mildew, and polishes. Remove wax with a wax stripper, shellac with a paint stripper, and mildew with a solution of 10% household bleach and water. Old finishes in poor condition should be removed. If existing finished wood surface or wood floor is in good condition and free from wax or other contaminates, you may recoat without sanding surface to bare wood. If sanding is needed, use 150-220 grit sandpaper to obtain a smooth surface. Do not use steel wool as rust may develop after the finish has been applied. Remove all sanding dust using a vacuum, tack cloth, or cloth dampened with mineral spirits. Universal Sealer may be applied as a bond coat over existing finishes, including prefinished floors coated with aluminum oxide.

New Wood Floors – Sand with the grain using 100-120 grit sandpaper and remove all sanding dust using a vacuum, tack cloth, or rag dampened with mineral spirits. If a filler or putty is used, make sure it does not contain wax allow enough time for it to dry thoroughly.

Stained or Painted Wood – Oil or water based stains can be used prior to sealer application for custom coloring. Test a sample area for product compatibility. Stain must be thoroughly dry before applying Pro Finisher Universal Sealer.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Do not apply in direct sunlight. . Use with adequate ventilation at all times. Apply only when air (ambient) temperature is between 60-80°F (16-27°C) and relative humidity is below 85%. Use full strength. Do not thin. Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE,** do not over-brush, or apply with a roller.

PRODUCT APPLICATION (cont.)

For best results, use Pro Finisher Universal Applicator (Rust-Oleum Pat No.139437) which allows you to apply thin, even coats. Other options are a quality natural bristle brush or a short nap roller. Apply the sealer to the surface in an even, consistent coat using full, level strokes. Apply evenly and consistently to floor in the direction of the grain at a rate of approximately 200-400 square feet per gallon. Allow sealer to dry 30-45 minutes.

Applying Top Coat: Applying the finish directly over a dry un-abraded sealer (called hot coating) is the best method for applying oil-base or water-base polyurethane over the Universal Sealer. Hot coating has been widely used by finishers and is the preferred method for applying finish over Universal Sealer. In this method, the oil-base or water-base finish is applied directly over the dried and un-abraded coat of Universal Sealer. The sealer **does not** need to be abraded to attain intercoat adhesion. After the 1st coat of finish has dried, **screen** this **finish coat** as you normally do, then apply any successive coats. This produces a very smooth base that translates into a beautifully finished floor.

Abrading Universal Sealer: Due to the nature of de-waxed shellac, clogging will generally occur when abrading Universal Sealer with conventional screens, pads or pad and strips. Heat created by the friction of screens and fine buffing pads will cause Universal Sealer to melt. If abrading the sealer is desired, an open weave “thick green” or “thick brown” abrasive pad is recommended. These pads will show some build-up but will last longer than finer pads.

Tinting - Universal Sealer may be tinted with up to 2 oz. (60 ml) universal colorant per gallon. However, the fast dry time of this product may produce an inconsistent appearance. For best results stain bare wood first and then seal the surface with un-tinted Universal Sealer. **Special Note** - Always test for compatibility and drying of sealer when used with specialty finishes such as moisture cure or acid cure. When using sealer with exotic or oily woods it is also recommended to test sample area. Dust from dark woods can discolor Universal Sealer.

DRY TIME

Dries to touch in 10 minutes; pad and/or recoat in 45 minutes at 70°F (21°C). Warmer temperatures will accelerate and colder temperatures will prolong the dry time of this product. Do not apply if humidity exceeds 85% or when the temperature is within 10°F of the dew point or blushing could occur (the dried film turns white). If sealer blushes during or after application, remove using a rag and denatured alcohol and reapply when humidity decreases.

CLEAN-UP

Wipe up drips and spills with a rag dampened in denatured alcohol or use a solution of household ammonia and water. Clean natural bristle brushes with denatured alcohol and synthetic bristle brushes a solution of 1 part household ammonia and two parts water. To dissolve product that has dried on application tools, soak tools overnight in ammonia solution or alcohol.

TECHNICAL DATA

PRO FINISHER POLYURETHANE

PHYSICAL PROPERTIES

	Pro Finisher Universal Sealer
Resin Type	Shellac
Pigments	NA
Solvents	Water
Weight - per Gallon	7.2 lbs
per Liter	0.86 kg
Solids by Weight	22.5%
Solids by Volume	16.1%
Volatile Organic Compounds	648 g/l (5.39 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat	0.5-1.0 mil (12.5-25µ)
Wet Film to Achieve DFT (unthinned material)	3.0-6.0 mils (75-150µ)
Theoretical Coverage at 1 mil DFT (25µ)	258 sq.ft./gal.
Practical Coverage at Recommended DFT (assumes 15% material loss)	200-400 sq.ft./gal.
Dry Times at 77°F (25°C) and 50% Relative Humidity	
Touch	10-45 minutes
Recoat	45 minutes
Shelf Life	3 years
Flash Point	55° F (13°C)

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

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Form: CS1932
Rev.: 012714