



BULLS-EYE® SEALCOAT™ UNIVERSAL SANDING SEALER

DESCRIPTION AND USES

Zinsser® Bulls-Eye® SealCoat Universal Sanding Sealer is a 100% de-waxed shellac-based sanding sealer designed for use as an undercoat to prepare new or previously finished interior wood surfaces or as a pre-stain sealer and wood conditioner. The absence of any wax in SealCoat makes it compatible with all clear finish topcoats including oil-based polyurethanes.

It is recommended for doors, trim, baseboards, paneling, wainscoting, cabinets, shelves, furniture, interior shutters, floors, stairs and spindles. It may also be used to seal wood turnings, figurines, wicker, plaster and other hobby or craft items. It is not recommended for use as a sealer on exterior surfaces.

MPI #88 Certified*

PERFORMANCE CHARACTERISTICS

- Compatible with all clear finishes, including oil-based and water-based polyurethane, lacquer and shellac
- Penetrates wood pores deeply, seals wood completely
- Apply over new wood or over existing finishes
- Dries in minutes- can be recoated in less than 1 hour
- Sands easily and quickly
- Clean up with alcohol or ammonia and water

PRODUCTS

SKU	Description
0850	5-Gallon
0851	1-Gallon
0854	1-Quart

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces must be clean, dry, sound and free of dust, dirt, grease, oil, wax, mildew, or any contamination that may interfere with adhesion. Remove any peeling and/or unsound coatings. Sand bare wood as smoothly as possible and remove all sanding dust. Previously applied wood stains must be completely dry. Previously applied finishes must be clean and tightly adhered.

PRODUCT APPLICATION (cont.)

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

Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the relative humidity is below 85%. Do not thin this product when using as a sealer or bond/barrier coat. Apply evenly and consistently and allow to dry 45 minutes before sanding with #120 or finer grit sandpaper. Remove all dust and apply a finish coat. Note: A second coat of sealer will improve the film build and give added depth to the final finish on porous or open grain woods such as oak or mahogany. Allow the second coat to dry 1 hour before sanding lightly and applying a finish coat.

Brush Application – For best results, use a natural bristle brush. Apply the sealer to the surface using long and even strokes, brushing back into the wet material to maintain a wet edge. Do not over-brush or brush back into material once it becomes tacky.

Wiping Application – Use a lint-free cloth. Pour a liberal quantity of SealCoat onto the surface and quickly work into the wood. Use a brush to make sure the sealer soaks thoroughly into any open or end grain. Wipe away excess with a lint-free cloth and stop wiping when the surface becomes tacky. For vertical surfaces pour SealCoat onto a lint-free cloth and wipe over the wood surface. A second application may be needed to avoid sanding through the sealer and the stain.

Spray Application – SealCoat may be sprayed using conventional, HVLP, or airless spray. Use a 0.011 to 0.013 tip and 800-1000 psi for airless spray application. Follow equipment manufacturer's instructions. Wear NIOSH approved respirator and provide adequate ventilation.

Doors/Trim/Paneling/Cabinets/Furniture – Apply 1 or 2 coats by wiping, brush or spray. Allow to dry completely before sanding with #220 or finer grit sandpaper between coats to ensure a smooth finish. If a heavier film build is desired, repeat the application. Be sure to remove all sanding dust before application of finish.

* Refer to the MPI website for the most current listing of MPI certified products.



TECHNICAL DATA

BULLS-EYE® SEALCOAT™ UNIVERSAL SANDING SEALER

PRODUCT APPLICATION (cont.)

Floors – Floors should be properly sanded and free of dust, dirt or other contaminants. Use a brush or floor finish applicator and apply in the direction of the grain. Apply the sealer on two or three board widths at a time, being sure to keep a wet edge. Avoid over-applying or over-brushing. Let dry for 45 minutes before sanding with #120 to #150 grit or finer sandpaper. Apply a second coat of sealer if desired or an appropriate floor finish.

Pre-Stain Conditioner – SealCoat can be used to prevent uneven stain penetration over soft woods such as pine. Thin the product by mixing equal parts, by volume, of denatured alcohol and SealCoat. Apply with a brush or wipe on with a lint-free cloth, working with the grain. Do not over apply or recoat. After 15 minutes, lightly rub the surface with a fine synthetic abrasion pad.

Bond Coat – SealCoat may be applied to an existing finish to protect it from strong solvent-based coatings such as lacquers. It can be used to ensure the adhesion of oil-based polyurethane, water-based polyurethane, lacquer and other clear finishes. Two full coats are required.

TINTING

Bulls-Eye SealCoat may be tinted with up to 2 ounces of universal colorant per gallon. SealCoat may also be tinted with alcohol-based stains or aniline dyes. Note that alcohol stains will dilute the viscosity. If using powdered dyes, shake to completely disperse the dye and let the container sit to remove bubbles.

DRY TIME

Warmer temperatures will accelerate and colder temperatures will prolong the dry time of this product. On bare wood, the first coat will dry to the touch in 5-10 minutes and can be sanded or recoated in 20-30 minutes. Subsequent coats or coats applied over existing finishes will dry to the touch in 10-15 minutes and can be sanded or recoated in 1 hour. Lower temperatures, higher humidity, and the addition of tint will prolong dry and cure time. Allow more time at cooler temperatures. SealCoat is not recommended for use in areas where surface heat exceeds 160°F (71°C).

PRODUCT APPLICATION (cont.)

CLEAN-UP

Wipe up drips and spills with a rag soaked in denatured alcohol or use a solution of household ammonia and water. Clean brushes with denatured alcohol or a solution of 1 part ammonia with 2 parts water. To dissolve product that has dried on application tools, soak tools overnight in an ammonia solution or denatured alcohol. Follow equipment manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local, state and federal regulations.



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PHYSICAL PROPERTIES

Physical Properties		BULLS-EYE SEALCOAT UNIVERSAL SANDING SEALER
Resin Type		De-waxed Shellac-based
Pigment Type		NA
Solvents		Denatured Alcohol, Water
Weight	Per Gallon	7.2 lbs.
	Per Liter	0.86 kg
Solids	By Weight	21.7%
	By Volume	15.5%
Volatile Organic Compounds		653 g/l (5.70 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		0.5 mils (12.5μ)
Wet Film to Achieve DFT (Unthinned material)		3.0 mils (75μ)
Theoretical Coverage at 1 mil DFT (25μ)		248 sq.ft./gal. (6.1 m ² /l)
Practical Coverage at Recommended DFT (assume 15% material loss)		Approximately 400-600 sq.ft./gal. (9.8-14.8 m ² /l) depending on application method and surface porosity
Dry Times at 70°F (21°C) and 50% Relative Humidity	Touch	5-10 minutes
	Recoat	20-45 minutes
	Sanding	20-45 minutes
Shelf Life		3 years
Flash Point		57°F (13°C)
Safety Information		For additional information, see SDS

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