



TECHNICAL DATA

BIN-05

CLEAR B-I-N® SEALER ULTIMATE ODOR BLOCKER

DESCRIPTION AND USES

Clear B-I-N® Sealer is a shellac-based sealer that provides excellent stain blocking for interior surfaces. It seals in odors quickly while leaving the original surface unchanged. Use Clear B-I-N Sealer to eliminate strong odors from food, kitchen grease, mold, pet urine, fire and smoke damage, and cigarette and cigar smoke.

Clear B-I-N Sealer contains no wax or stearates making it compatible with clear finishes and latex or oil-based architectural paints and enamel topcoats. To hide unwanted stains and block odors, use Zinsser B-I-N White Pigmented Ultimate Stain Blocker.

Clear B-I-N Sealer is recommended for application to interior walls, ceilings, doors, trim, cabinets, furniture and related paintable surfaces. It is suitable for use on new and previously painted drywall, cured plaster, wood (pine, fir, cedar, redwood, plywood), metal, vinyl, PVC, fiberglass and cured masonry (stucco, concrete block, poured concrete, brick).

Clear B-I-N Sealer has excellent adhesion to glossy surfaces such as enamel paints and varnishes, paneling, laminates, glass and ceramic tile, without the need for sanding or de-glossing. Clear B-I-N Sealer dries to the touch in 15 minutes and can be sanded or top coated in 45 minutes.

MPI #88 Certified*

PERFORMANCE CHARACTERISTICS

- Dries in minutes, can be recoated in 45 minutes
- Excellent adhesion to glossy surfaces without scuff sanding
- Blocks persistent stains and odors
- Can be applied in freezing temperatures
- Preserves original surface appearance
- Resists yellowing with age
- Seals bleeding knots and sap streaks
- Dried film is non-toxic and hypo-allergenic

PRODUCTS

SKU	Container Size
249190	5-Gallon
249200	1-Gallon
249201	1-Quart

PRODUCT APPLICATION

SEALING

Clear B-I-N Sealer seals unpainted or porous surfaces to improve the coverage of the topcoat. It fills and binds wood fibers to create a smooth, sealed surface with "enamel holdout" so fewer coats of paint are needed.

STAIN BLOCKING

Clear B-I-N Sealer will effectively blocks stains from water, nicotine, grease, oil, soot, rust, mildew, tannin, crayon and lipstick. It also provides an excellent odor barrier to block odors from fire damage, smoke, cigar & cigarettes and pet urine. Some stains may require a second coat.

ODOR BLOCKING

Clear B-I-N Sealer seals in smoke stains and odors caused by fires. It also seals in urine and other animal odors. It is also recommended for sealing nicotine stains or odors from tobacco.

TINTING

Clear B-I-N Sealer can be tinted with up to 2 oz. (60 ml) of an alcohol-based stain or aniline dye or small amount of universal colorant per gallon. Shake container well before using.

SURFACE PREPARATION

Surfaces should be clean, dry, sound and free of dust, dirt, excessive chalky material, grime, grease, oil, wax, mildew, wallpaper adhesive, or any contamination that may interfere with adhesion. If unsure of cleanliness, always wash surface with household ammonia and water solution, appropriate cleaning solution or solvent (Do not use TSP as a cleaner). Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth with the surface. Bare wood that has been exposed for more than 4 weeks should be lightly sanded with 80 to 100 grit sandpaper to remove weathered wood fibers. Countersink exposed nail heads, spot prime and fill all nail holes and gouges with Ready-Patch® spackling compound.

Remove interior mold and mildew stains by washing the surface with a solution of one cup household bleach in a gallon of water. Follow label instructions and personal protection recommendations on the MSDS. Do not add ammonia or other cleaning products to the bleach solution. If concerned about mold and mildew behind walls, underneath flooring, in ventilation systems or other unseen areas, contact a professional who specializes in mold and mildew remediation. For commercial buildings and schools, follow appropriate guidelines for mold removal.

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



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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.

LIMITATIONS

B-I-N Advanced is not recommended for full service use on exterior applications, for excessively humid interior areas or surfaces subject for immersion or prolonged contact with water. Do not box or intermix Clear B-I-N Sealer with other oil-base or water-base products.

APPLICATION

Apply only when air, material, and surface temperatures are between 0 to 90°F (-18 to -32°C) and the relative humidity is less than 85%. Thoroughly mix or shake to ensure any settled pigment is re-dispersed before using. Eliminate all sources of ignition. **Do not thin this product.** In most cases only one coat is necessary to prime most surfaces. If excessive absorption occurs over very porous substrates a second coat may be necessary. For best results, prime entire surface before painting. Apply with a high quality natural or synthetic brush, 3/8" nap roller, pad, conventional or airless sprayer. If spraying, use explosion-proof equipment, and wear a NIOSH approved respirator. Follow manufacturer's instructions when using spray equipment. Conventional spraying – Spray at 45-55 psi. Airless spraying - Use a 0.011-0.013" tip at 800-1000 psi. Provide adequate ventilation at all times.

DRY & RECOAT TIMES

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 15 minutes and can be recoated in 45 minutes. It is fully cured in 1-3 days. Lower temperatures, higher humidity and the addition of tint will prolong dry and cure time.

PRODUCT APPLICATION (cont.)

CLEAN-UP

Clean up spills and drips with denatured alcohol or ammoniated detergent. If spills or drips have dried, use denatured alcohol or ammoniated detergent to soften and remove sealer. Wash application tools in a solution of 1 part ammonia and 2 parts water immediately after use. If the product has dried on application tools, soak overnight in a solution of equal parts ammonia and water. Scrub clean with a stiff brush. Follow the equipment manufacturer's directions to clean spray equipment.



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CLEAR BIN® SEALER ULTIMATE ODOR BLOCKER

PHYSICAL PROPERTIES

Physical Properties		CLEAR B-I-N SEALER ULTIMATE ODOR BLOCKER
Resin Type		Shellac
Solvents		Ethanol, Isopropyl Alcohol
Weight	Per Gallon	7.2 lbs.
	Per Liter	0.86 kg
Solids	By Weight	22.4-23.8%
	By Volume	15.9-16.9%
Volatile Organic Compounds		<730 g/l (6.07 lbs./gal.)
Practical Coverage at Recommended DFT (assume 15% material loss)		400-600 sq.ft./gal. (9.8-14.8 m ² /l) depending on application method and surface porosity
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	25 minutes
	Recoat	45 minutes
	Full Hardness	1-3 days
Shelf Life		3 years
Storage/Handling		Store indoors 40-80°F (4-27°C)
Flash Point		55°F (13°C)
Safety Information		For additional information, see SDS

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