



TECHNICAL DATA

BIN-01

B-I-N® ADVANCED SYNTHETIC SHELLAC PRIMER

DESCRIPTION AND USES

B-I-N® Advanced Synthetic Shellac Primer is a synthetic shellac-based primer sealer that provides excellent stain blocking for whole-surface interior priming and exterior spot priming. It combines fast dry time, low odor, excellent hide and stain blocking for new construction, remodeling and fire and water restoration. B-I-N Advanced may be used under and over any latex or oil-based architectural paint.

Use B-I-N Advanced to prime all types of bare or painted interior surfaces including wood, drywall, cured plaster, masonry, galvanized metal and PVC. B-I-N Advanced has excellent adhesion to dense, glossy surfaces such as enamel paints and varnishes, paneling, laminates, glass and ceramic tile without the need for sanding or de-glossing.

PERFORMANCE CHARACTERISTICS

- Excellent stain blocker
- Low odor; soap and water clean up
- Seals tannin, knots and sap streaks
- Seals cigar, cigarette & nicotine odors
- Seals severe water stains, fire & smoke damage
- Seals rust stains, graffiti, crayon, lipstick and grease
- Adheres to slick surfaces like tile, glossy paints and varnishes

PRODUCTS

SKU	Container Size
271009	1-Quart
270976	1-Gallon
270978	5-Gallon

PRODUCT APPLICATION

SPOT PRIMING

B-I-N Advanced is excellent for us in spot priming exterior surfaces. B-I-N Advanced effectively seals knots and sap streaks. Note: Spot prime only under high hiding paints or prime the entire surface with Zinsser® Bulls-Eye 1-2-3® after spot priming.

SEALING

B-I-N Advanced penetrates and seals porous surfaces and dries to a smooth finish with excellent enamel holdout. It can be used as an effective primer to improve coverage and sheen consistency of the finish coat.

STAIN BLOCKING

B-I-N Advanced 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, pet urine, and fireplaces. To block odors while preserving the original surface color, use B-I-N Clear Advanced.

APPEARANCE

B-I-N Advanced is white but may be tinted to off- white and pastel shades by adding no more than 2 ounces of universal colorant per gallon to improve the hiding power of the topcoat.

PRODUCT APPLICATION (cont.)

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, wash surface with an appropriate cleaning solution or solvent and rinse thoroughly. Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc. Allow surface to dry completely before priming.

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 B-I-N Advanced with other oil-base or water-base products.

APPLICATION

Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the relative humidity is less than 85%. Thoroughly mix or shake to ensure any settled pigment is re-dispersed before using. If thinning is required, add no more than 10 ounces of water per gallon. 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 brush, 3/8" nap roller, or airless sprayer. Follow manufacturer's instructions when using spray equipment. Airless spraying - use a 0.015-0.017" tip at 1700-2200 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 25 minutes and can be recoated in 45 minutes. It is fully cured in 7 days. For knots and stain blocking, allow 2 hours to dry. When sealing water stains, some stain may appear in the primer film as it dries. The stain is locked and will not bleed into the topcoat.

CLEAN-UP

Clean up spills and paint drips with warm soap and water. Wipe up splatters before they dry. Follow the equipment manufacturer's directions to clean spray equipment.



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BIN[®] ADVANCED SYNTHETIC SHELLAC PRIMER

PHYSICAL PROPERTIES

Physical Properties		B-I-N ADVANCE SYNTHETIC SHELLAC PRIMER
Resin Type		Acrylic
Pigment Type		Titanium Dioxide, Calcium Carbonate, Talc
Solvents		Glycol Ethers and Water
Weight	Per Gallon	10.75 lbs.
	Per Liter	1.29 kg
Solids	By Weight	51.2%
	By Volume	36.9%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.0 mils (37.5-50 μ)
Wet Film to Achieve DFT (Unthinned material)		4.0-5.5 mils (100-137.5 μ)
Theoretical Coverage at 1 mil DFT (25 μ)		592 sq.ft./gal. (14.5 m ² /l)
Practical Coverage at Recommended DFT (assume 15% material loss)		300-400 sq.ft./gal. (7.4-9.8 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
	Stain Sealing	2 hours
	Full Hardness	7 days
Shelf Life		5 years
Flash Point		200°F (93°C)
Safety Information		For additional information, see MSDS

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