

TECHNICAL DATA



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 application odour, excellent hide and superior stain blocking, making it the ideal choice 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, panelling, laminates, glass and ceramic tile without the need for sanding or de-glossing.

PERFORMANCE CHARACTERISTICS

- Excellent stain blocker
- Seals tannin, knots and sap streaks
- Seals cigar, cigarette & nicotine odours
- 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
- LEED Compliant Formula

PRODUCT BENEFITS

- Waterbased formula
- Dries in 45 – 60 minutes
- Bright white finish
- Tintable
- Interior / Spot Exterior
- Excellent hide over dark colours and stains
- Sticks to all surfaces without sanding*
- Low odour; soap and water clean up

PRODUCTS

SKU	Container Size
273874	946 mL
273873	3.78 L
273876	18.9 L

PRODUCT APPLICATION

SPOT PRIMING

B-I-N Advanced is excellent for use 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 odour barrier to block odours from fire damage, smoke, cigar & cigarettes, pet urine, and fireplaces.

APPEARANCE

B-I-N Advanced is white but may be tinted to off- white and pastel shades by adding no more than 60 mL (2 oz.) universal colourant per 3.78L (gallon) to improve the hiding power of the topcoat.

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.

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.

* Not recommended under Wallcoverings



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B-I-N® ADVANCED SYNTHETIC SHELLAC PRIMER

PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when air, material, and surface temperatures are between 10-32°C (50-90°F) 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 295 mL (10 oz.) water per 3.78L (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 21°C (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 - 60 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 water and liquid detergent. Wipe up splatters before they dry. Follow the equipment manufacturer's directions to clean spray equipment.

COVERAGE

Approx. 37m² (400 sq. ft.) per 3.78L (gallon). May vary with application method and surface porosity.

LIMITATIONS

Not recommended for full surface application on exterior substrates, for excessively humid interior areas or surfaces subject to immersion or prolonged contact with water. Not recommended under wallcoverings. KEEP FROM FREEZING.

LIMITED WARRANTY

This product will perform as claimed if applied according to directions provided. The directions apply to most applications, but may not cover special conditions, applications, techniques and/or surfaces. If you have a question, check with your dealer or contact Rust-Oleum Technical Support at 1-800-387-3625. Warranty is limited to replacement or refunded value of product actually used if such product proves defective within two years of manufacture, with proof of purchase.

REGULATORY

CAUTION: Use only in a well ventilated area. Do not breathe vapours or spray mist. May irritate eyes and skin. Do not get in eyes, on skin or clothing. KEEP OUT OF REACH OF CHILDREN.

FIRST AID TREATMENT: If breathed in, move person to fresh air. If swallowed call Poison Control Centre or doctor immediately. Do not induce vomiting. If on skin, rinse well with water.

KEEP FROM FREEZING

**TECHNICAL DATA****B-I-N® 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 (37.5-50µ)
Wet Film to Achieve DFT (Unthinned material)		4.0-5.5 mils (100-137.5µ)
Theoretical Coverage at 1 mil DFT (25µ)		53 m ² / 3.785L (592 sq.ft./gal.)
Practical Coverage at Recommended DFT (assume 15% material loss)		28 - 37m ² /3.78L (300-400 sq.ft./gal.) 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 - 60 minutes
	Stain Sealing	2 hours
	Full Hardness	7 days
Shelf Life		5 years
Flash Point		93°C (200°F)
Safety Information		For additional information, see MSDS

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