



# CLEAR B-I-N® ADVANCED SYNTHETIC SHELLAC SEALER

## DESCRIPTION AND USES

Clear B-I-N® Advanced Synthetic Shellac Sealer is designed to provide excellent odor blocking for interior surfaces. It seals in odors quickly while leaving the original surface unchanged. Use Clear B-I-N Advanced to eliminate strong odors from food, kitchen grease, mold, pet urine, fire and smoke damage, and cigarette and cigar smoke. Clear B-I-N Advanced contains no wax or stearates making it compatible with clear finishes and latex or oil-based architectural paints and enamel topcoats. To block unwanted stains while blocking odors, use Zinsser White B-I-N Advanced Ultimate Stain Blocker.

Use Clear B-I-N Advanced on all types of painted or unpainted interior surfaces to include wood, drywall, cured plaster, masonry, galvanized metal and PVC. It has excellent adhesion to glossy surfaces such as enamel paints and varnishes, paneling, laminates, glass and ceramic tile, without sanding or deglossing. Clear B-I-N Advanced dries to the touch in 25-30 minutes and can be sanded or topcoated in 45 minutes.

## PERFORMANCE CHARACTERISTICS

- Seals odors from food and grease
- Seals musty and moldy smells
- Seals fire and smoke damage
- Seals pet urine
- Seals cigar, cigarette & nicotine odors

## PRODUCTS

SKU	Container Size
271409	1-Quart
271460	1-Gallon
271461	5-Gallon

## PRODUCT APPLICATION

### SURFACE PREPARATION

Surfaces must be clean, dry, sound and free of any contamination, mildew, rust or unsound coatings that may interfere with adhesion. If unsure, wash the surface with an appropriate cleaner or solvent and rinse thoroughly.

**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](http://www.epa.gov/lead).

## PRODUCT APPLICATION

### APPLICATION

For interior use only. 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 seal most surfaces. If excessive absorption occurs over very porous substrates a second coat may be necessary. 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 0.017" tip at 1700-2200 psi. Provide adequate ventilation at all times.

### TINTING

Clear B-I-N Advanced can be tinted to off- white and pastel shades by adding no more than 1 oz. universal colorant per gallon. Shake container well before using.

### APPLICATION NOTE

Clear B-I-N Advanced dries to a clear, low sheen finish. When applying over exotic or oily woods and moisture cured urethanes or when top coating with catalyzed finishes, always pre-test in an inconspicuous area to ensure compatibility.

### 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 to 1 hour. It is fully cured in 7 days.

### 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.



## TECHNICAL DATA

### CLEAR B-I-N® ADVANCED SYNTHETIC SHELLAC SEALER

#### PHYSICAL PROPERTIES

Physical Properties		CLEAR B-I-N ADVANCED SYNTHETIC SHELLAC SEALER
Resin Type		Styrene Copolymer
Pigment Type		Talc
Solvents		Glycol Ethers and Water
Weight	Per Gallon	9.09 lbs.
	Per Liter	1.09 kg
Solids	By Weight	42.4%
	By Volume	37.2%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-1.5 mils (25-37.5μ)
Wet Film to Achieve DFT (Unthinned material)		2.5-4.0 mils (62.5-100μ)
Theoretical Coverage at 1 mil DFT (25μ)		597 sq.ft./gal. (14.7 m <sup>2</sup> /l)
Practical Coverage at Recommended DFT (assume 15% material loss)		350-400 sq.ft./gal. (8.6-9.8 m <sup>2</sup> /l) depending on application method and surface porosity
Specular Gloss		20° Gloss - 3.5-4.5
		60° Gloss – 20-25
		85° Gloss – 20-25
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	25-30 minutes
	Recoat	45 minutes to 1 hour
	Stain Sealing	2 hours
	Full Hardness	7 days
Shelf Life		5 years
Flash Point		200°F (93°C)
Safety Information		For additional information, see SDS

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