



Technical Data Bulletin

ZINSSER Co., Inc.

173 Belmont Drive, Somerset NJ 08875 An RPM Company

B-I-N[®]

Aerosol Shellac-Base Primer-Sealer/Stain Killer/Bond Coat

Generic Type – Aerosolized, pigmented shellac-base primer sealer, stain killer & bond coat

Performance Characteristics

- Dries in minutes, can be recoated in 45 minutes
- Superior adhesion to glossy surfaces without scuff sanding
- High-hiding formula blocks stubborn and persistent stains
- Seals porous surfaces with excellent enamel holdout
- Can be applied in freezing temperatures
- Permanently blocks every kind of odor
- Seals bleeding knots and sap streaks
- Dried film is non-toxic and hypo-allergenic

Recommended Uses – Recommended for application to interior ceilings, walls, doors, trim, cabinets, furniture, and related paintable surfaces. Exterior uses are limited to spot priming only. May be used to block water, grease, rust, smoke, asphalt, graffiti, and many other types of stains.

- Interior – New and previously painted drywall, cured plaster/cement based coatings, wood (pine, fir, cedar, redwood, plywood), metal (aluminum, steel, stainless steel, copper), vinyl, PVC, fiberglass, cured masonry (stucco, concrete block, poured concrete, brick). Blocks stains and odors resulting from water & fire damage, seals stains from dark colors, grease, rust, creosote, asphalt, crayon, lipstick, graffiti, markers, knots, sap streaks, tannin bleed, etc.

- Exterior – Spot prime persistent bleed from knots and sap streaks before full-surface priming with water or oil base primer

- Sealing – B-I-N Aerosol seals unpainted or porous surfaces so topcoat paints have better coverage. It fills and binds wood fibers to create a smooth, sealed surface with “enamel holdout” so fewer coats of paint are needed. Note that very porous surfaces may require two coats and may reduce square foot coverage of the product.

- Stain Killing – B-I-N Aerosol is the ultimate interior stain killing primer. One coat will effectively block stains, including water, nicotine, ink, graffiti, crayon, marker, rust and smoke stains so they won't bleed into the topcoat. Some stains require a second coat. Recommended for permanently sealing heavy fire and water stains B-I-N seals in smoke stains and odors caused by fires. It also seals in urine and other animal odors from smelling. B-I-N may be used in areas where incidental contact to food items occurs. B-I-N is also recommended for sealing nicotine stains or odors from tobacco.

- Glossy Surfaces – Glossy enamel paint and clear finishes, ceramic tile, paneling, cabinets and metal surfaces can be primed without sanding or deglossing.

- Over Wallcovering – B-I-N Aerosol may be used to prime existing, soundly adhered, non-porous wallcoverings to hide patterns/dark colors prior to painting.



Product No.

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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, always wash surface with a household ammonia and water solution, appropriate cleaning solution, or solvent (Do not use TSP as a cleaner). Remove any unsoundly adhered coatings. Sand any remaining paint film edges smooth with the surface. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibers. Attempt to remove existing stains by washing, sanding, scraping, etc. Kill exterior mildew with Zinsser JOMAX[®] House Cleaner and Mildew Killer. Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibers. Countersink exposed nailheads and fill all nailholes and gouges with Ready Patch[®]. Remove interior mold and mildew before painting with a solution of one cup household bleach per gallon of water or a quality biocidal wash. Rinse well. Always wear protective clothing and goggles to prevent eye and skin contact with bleach. Do not mix ammonia or any other chemical with bleach solution. If you are 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. Remove rust and wipe metal with a cloth dampened in alcohol then apply a rust-inhibitive primer.

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 Conditions – Apply when air and surface temperature is between 30° and 90° F (-1° and 32° C) and relative humidity is less than 70%. Do not apply B-I-N if surface temperature is within 15% of the dew point. Substrate moisture content should not exceed 12%.

Application Directions – Turn can upside down and shake vigorously until ball inside can rattles, then continue shaking for one minute. Shake can occasionally during use. Mask off nearby objects. Test spray on scrap material to determine touch and spray pattern. Spray 10”– 12” (25 – 30 cm) from object with short ‘dusting’ strokes. When finished, clean valve by holding can upside down and spraying until clear gas comes out. If nozzle clogs, twist off and clean tip with pin. Do not stick pin or other object into can. Replace nozzle with valve opening pointed away from you.

Dry Time – In most cases B-I-N Aerosol will dry to the touch in 10 minutes and can be recoated in 45 minutes. The dry primer film develops full adhesion after it cures in 1 to 3 days. Lower temperatures, higher humidity and the addition of tint will prolong dry and cure time.

Coverage – Approximately 15 sq. ft (1.4 m²) per 13 oz. aerosol can. Application losses may vary according to the porosity and texture of the substrate and the manner of application and should be taken into account when estimating the quantity of product needed.

Cleanup – Clean up overspray and drips with immediately with denatured alcohol or ammoniated detergent. If spills or drips have dried use denatured alcohol or ammoniated detergent to soften and remove primer.

Disposal – Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coatings.

DANGER! EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Contains ethanol. Vapor harmful. Do not use near heat, sparks, or open flame. Do not smoke while using. Spray in well-ventilated area. **Do not puncture, incinerate, or store above 120° F.** Exposure to heat or prolonged exposure to sunlight may cause bursting. Store at room temperature. Do not discard empty container in home garbage compactor. May cause eye, skin, and respiratory irritation. Do not breathe vapor or mist. If you experience difficulty in breathing, eye watering, headache, or dizziness, increase fresh air; wear an appropriate, properly fitted (NIOSH approved) respirator; or leave the area to obtain fresh air. If symptoms persist, contact a physician or poison control center. Avoid contact with eyes, skin and clothing. In case of eye contact flush eyes with water for at least 15 minutes and get medical attention. Deliberate inhalation of contents can be harmful or fatal. **KEEP OUT OF REACH OF CHILDREN.**

Warranty – B-I-N Aerosol is guaranteed to perform as indicated when applied according to label directions to a properly prepared surface. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. The contents of the container are warranted to be free from any other defect for 2 years from the date of manufacture. All warrantees and guarantees are limited to refund or replacement of product used with proof of purchase. No other warranty or guarantee is expressed or implied.

Typical Physical Properties

MIR Value	0.73 g O ₃ /g product
Percent Solids, Weight:	13.8 %
Percent Solids, Volume:	11.0 %
Density:	7.2 lb. (3.3 kg)/gal
Theoretical	
Spread Rate @ 1 mil DFT:	176 sq. ft (16 m ²)/gal
Dry Time @ 75° F/50% RH:	Touch: 10 min Recoat: 45 min
Stain Sealing @ 75° F/50% RH:	45 min
Adhesion Cure @ 75° F/50% RH:	1 – 3 days
Cured Gloss @ 60°:	5%
Cured Enamel Holdout:	99% gloss chg
Flame Spread (ASTM-84-97A):	0, Class 1
Smoke Contrib. (ASTM-84-97A):	5, Class 1
Flash Point (ASTM D3278):	< 32° F (< 0° C)
VOC:	< 42% by weight
Freeze/Thaw Stable:	Yes
Shelf Life:	36 mo @ 75° F (24° C)
Storage/Handling:	Store indoors 40° – 80° F (4° – 27° C)

Technical Assistance - Available through local authorized Zinsser dealers. For the dealer nearest you call 732-469-8100 or visit our website at www.zinsser.com.

Limitations – Not recommended for whole-surface exterior application or for application to floors or decks or surfaces subject to immersion or prolonged contact with water. These limitations are not to be construed as all-inclusive.

Packaging

Unit Size	Unit Code	Case Pack	Case Weight	Pallet Pack
13 oz aerosol	01008	6	7 lbs.	273 cs.

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CAUTION: Read and carefully follow all information on this technical data bulletin, on the product label, and on the material safety data sheet for this product. To the best of our knowledge the data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact ZINSSER Co. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Zinsser quality control and assume no responsibility for coverage, performance, or injuries from use.