

Technical Data Sheet

B-I-N Aerosol

Primer – Sealer / Stain Killer / Bond Coat

Generic Type – Aerosolised, pigmented Shellac based primer sealer, stain killer and 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
- Effectively blocks every kind of odour
- 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– Use as a full surface primer on drywall, cured plaster, filled areas, ceiling tiles, wood or metal doors, windows, cabinets, plywood, paneling, trim, glossy paints & clear finishes, & other paintable interior surfaces. Spot-Priming – B-I-N is great for exterior spot priming over knots, sap streaks, rust stains, copper screening stains, properly prepared weathered siding, & trim touch-up. B-I-N is also ideal for interior spot applications like water stains & filled spots.
 - Exterior– Spot prime persistent bleed from knots and sap streaks before full-surface priming with water or solvent based 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 odours 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 odours 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 / dark colours prior to painting.

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 tri sodium phosphate based cleaners). Remove any unsoundly adhered coatings. Sand any remaining paint film edges smooth with the surface. Lightly sand exposed exterior wood with 80 to 100grit sandpaper to remove loose or weathered wood fibers. Attempt to remove existing stains by washing, sanding, scraping, etc. Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibers. Countersink exposed nail heads and fill all nail holes and gouges. Remove interior mould and mildew before painting with a solution of one-cup household bleach per 5 litres 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 mould and mildew behind walls, underneath flooring, in ventilation systems or other unseen areas, contact a professional who specializes in mould 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. **Special precautions should be taken during the surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. When dry-sanding avoid dust inhalation by wearing a suitable protective face mask.**

Application Conditions–

For interior use only. Use at room temperature in a well ventilated area - avoid high humidity. Shake can vigorously until ball inside can rattles. Turn upside down & continue shaking for one minute – shake occasionally during use. Spray 25-30 cm from object with short 'dusting' strokes. Surface may be painted in 30 minutes. To clear spray for future use, turn can upside down & spray until clear gas is emitted.

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–

Approx. 2m² per aerosol can. Application losses may vary according to the porosity and texture of the substrate and the method of application and should be taken into account when estimating the quantity of product needed.

Cleanup–

Clean up overspray and drips immediately with denatured alcohol and 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 Acetone; resin acids & rosin acids, fumarated, esters with glycerol. Vapour 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 25°C.** Exposure to heat or prolonged exposure to sunlight may cause bursting. Store at room temperature. Causes serious eye damage. May cause an allergic skin reaction. May cause drowsiness or dizziness. Avoid breathing vapour or spray. Wear protective gloves and eye protection: Vinyl gloves. Safety glasses with side shields. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Store locked up. **KEEP OUT OF THE 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 warranties 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 O₃/g product

Percent Solids, Weight: 13.8%

Percent Solids, Volume: 11.0%

Theoretical

Spread Rate: approx. 2m² per aerosol can

Dry Time @ 20°C / 50% RH: Touch: 10 min

Recoat: 45 min

Stain Sealing @ 20°C / 50% RH: 45 min

Adhesion Cure @ 20°C / 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

Freeze / Thaw Stable: Yes

Shelf Life: 3 years in unopened containers

Storage / Handling: Store indoors 5°– 25°C

Technical Assistance–

For technical advice please tel: +44 (0)191 410 6611 or e-mail: enquiries@zinsseruk.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.

Precautions

Consult product Safety Data Sheet.