

PRODUCT DATA

Zinsser BIN Primer - Sealer

Andrews Coatings Ltd
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West Midlands
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DESCRIPTION

Pigmented shellac-base primer sealer, stain killer and adhesion coat.

MAIN PROPERTIES

Fast drying - superior adhesion to glossy surfaces - high-hiding formula blocks stubborn and persistent stains - seals porous surfaces - 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 on 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 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 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 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.

Wall covering: B-I-N may be used to prime existing, soundly adhered, non-porous wall coverings to hide patterns/dark colours prior to painting.

TECHNICAL DATA

Appearance:	Flat (gloss 60°: 5 - 10%)
Colour:	White (tinting is possible using max. 3% universal colouring pastes)
Density:	± 1.16 g/cm ³
Viscosity:	53 - 65 KU
Solids Content:	In volume: 29%
	In weight: 49%
Recommended film thickness:	Wet film: 80 - 100 micron
	Dry film: 25- 30 micron
Flashpoint:	12°C

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VOC-content: 444 g/l max.
Ready-for-use mixture: 444 g/l max.
Category: A/g
EU Limit values: 450 g/l (2007) / 350 g/l (2010)

Drying times 20°C/50% r.h.
To touch: 20 minutes
To recoat: 45 minutes
Full hardness 1 - 3 days

Coverage

Theoretical: 10 - 12 m²/l
Practical: Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

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 or an appropriate cleaning solution.

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 a suitable mildew Killer such as Rust-Oleum FK 111. Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibres. Remove interior mould and mildew before painting with a solution of one teacup household bleach per litre water or a special biocidal wash. Rinse well. 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 mold and mildew remediation.

For commercial buildings and schools follow appropriate guidelines for mould removal.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION & THINNING

Brush: Use natural or synthetic brush. Do not dilute.

Roller: Use nylon or polyester roller (8-12 mm). Do not dilute.

Air-atomised spray: Tip 1.5 mm. Pressure 3 - 4 bar. Do not dilute.

Airless spray: Nozzle: 0.011 - 0.013 inch / Pressure: 55 - 80 bars. Do not dilute.

Cleanup: Clean up spills and drips with denatured alcohol or ammoniated detergent. Wash application tools in a solution of 1 part ammonia and 3 parts water immediately after use.

APPLICATION CONDITIONS

Apply when air and surface temperature is between -1^o and 32°C and relative humidity is less than 70%. Do not apply B-I-N if surface temperature is less than 3°C below the dew point. Substrate moisture content should not exceed 12%.

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REMARKS

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. Spot priming is recommended only under high-hiding topcoat paints. For best results prime entire surface before painting.

Product is not recommended for whole surface exterior application or for application to floors or decks or surfaces subject to immersion or prolonged contact with water.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

3 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 4° and 27°C.