



# WOOD FINISHES DIRECT

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[Zinsser B-I-N](#)



## ZINSSER® B-I-N

# Shellac-base primer sealer and stain killer

- Fast drying
- Superior adhesion to glossy surfaces
- High-hiding formula blocks stubborn and persistent stains
- Seals porous surfaces
- Can be applied in freezing temperatures



# ZINSSER® B-I-N

## DESCRIPTION

Fast drying stain- and odor blocker. Seals unpainted or porous surfaces so topcoat paints have better coverage.

## RECOMMENDED USE

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 odours resulting from water & fire damage, seals stains from dark colours, grease, rust, creosote, asphalt, crayon, lipstick, graffiti, markers, knots, sap streaks, tannin bleed, etc.

Exterior: strictly and exclusively limited for spot priming. F.e. 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 fibres 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 of heavy fire and water stains.

B-I-N seals smoke stains and odours caused by fires or tobacco. It also seals urine and other animal odours from smelling.

Glossy Surfaces: B-I-N can be used as an adhesion primer on smooth surfaces 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

Density (g/cm <sup>3</sup> ):	1,16
Gloss Level:	Matt
Gloss level at 60°:	Matt: 5 - 10%
Solids Content in weight:	49%
Solids content in volume:	29%

## DRY TIMES BY 20° C/RV 50%

Touch dry:	20 min
Dry to recoat:	45 min
Fully cured:	1 - 3 days

## RECOMMENDED WET FILM THICKNESS

80 - 100 µm

## RECOMMENDED DRY FILM THICKNESS

25 - 30 µm

## THEORETICAL CONSUMPTION

10 - 12 m<sup>2</sup>/l

## PRACTICAL CONSUMPTION

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.

Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibres. Remove mould and mildew before painting with a suitable biocidal wash. Rinse well.

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

## DIRECTIONS FOR USE

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

## APPLICATION CONDITIONS

Apply when air and surface temperature is between -1 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%.

## APPLICATION & THINNING: BRUSH

Use natural or synthetic brush. Do not dilute.

## APPLICATION & THINNING: ROLLER

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

## APPLICATION & THINNING: AIRLESS SPRAY

Nozzle: 0,011 - 0,013 inch / Pressure: 55 - 80 bars. Do not dilute.

## APPLICATION & THINNING: AIR-ATOMISED SPRAY

Tip 1,5 mm. Pressure 3 - 4 bar. Do not dilute.

## CLEANING OF EQUIPMENT / SPILLS

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.

## REMARKS

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 DATA

VOC level:	448 g/l
VOC readymix:	448 g/l
VOC category:	A/i
VOC limit:	500 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

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.

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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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