



**B-I-N® SHELLAC-BASED  
PRIMER-SEALER STAIN BLOCKER**

**DESCRIPTION AND USES**

Zinsser® B-I-N® Shellac-Based Primer-Sealer is a high performance, white pigmented shellac based primer-sealer/stain blocker/bond coat that combines fast dry time with excellent adhesion and excellent stain blocking power. It is suitable for use on new or previously coated wood, plaster, drywall, filled areas, porous wallcovering and paneling. It is formulated to adhere to almost any surface, allowing topcoats to stick to a variety of surfaces to include clear finishes, glass, ceramic tile, metal, Formica® and MDF.

The solvent has a mild and quickly dissipating odour, making it suitable for use in non-occupied spaces in hospitals and schools. It is ideal for use in retail shops, walk-in refrigerators, food processing plants, restaurants, homes and apartments. It can be used over or under any oil-based or water-based architectural paint and is ideal for new construction, fire and water damage, remodeling and restoration.

**PERFORMANCE CHARACTERISTICS**

- Interior & spot exterior use
- High hiding and seals all stains
- Use with all paint
- Recoat in 45 minutes
- Clean up with methylated spirits

**PRODUCTS**

SKU	Description
76208	470 mL
76204	1 Litre
76201	3.78 Litre
76205	10 Litre

**PRODUCT APPLICATION**

**PRIMING INTERIORS**

Use as a full surface primer on drywall, cured plaster, filled areas, ceiling tiles, wood or metal doors, windows, cabinets, plywood, paneling, trim, clear finishes and other paintable interior surfaces.

**SPOT-PRIMING**

Suitable for exterior spot-priming over knots, sap streaks, rust stains, copper screening stains, weathered siding and trim touch-up. It is ideal for interior spot applications like water stains and filled spots. **Note** that spot-primed areas on porous surfaces may “flash” or show through paints with poor hiding power including many ceiling paints and glossy enamels. Use only high hiding finish paints.

**PRODUCT APPLICATION (cont.)**

**SEALING**

B-I-N seals unpainted or porous surfaces so topcoat paints have better coverage. It is ideal for wood, new cured plaster, concrete and concrete block, stucco, drywall, joint compound, uncoated wallcovering and other porous surfaces. Because of its excellent enamel holdout, it is an ideal basecoat for any type of faux or decorative paint finish. **Note:** Very porous surfaces may require two coats.

**ODOUR SEALING**

B-I-N effectively seals all types of odours including musty mould, odours from fireplace and furniture puff-backs, moth repellents, pet urine and residual odours from flood and fire damage.

**STAIN BLOCKING**

One coat effectively blocks water stains, mould stains, crayon, ink, graffiti, greasy spots, lipstick, interior cedar and redwood tannin bleed, rust and other types of stains; to prevent bleed into the topcoat. Some stains require a second coat.

**FIRE DAMAGE**

Replace severely charred substrates and remove loose soot and other contaminants with a dry chemical sponge or duster. Prime damaged surfaces to block smoke stains, water stains, and seal odours. It will permanently seal in the residual odour from fire damage.

**KNOTS & SAP STREAKS**

Seal knots and sap streaks with one or two coats. New or unseasoned wood knots and sap streaks may require two coats.

**SURFACE PREPARATION**

Surfaces should be clean, dry, sound and free of dust, dirt, excessive chalky material, grime, grease, oil, wax, mould, wallpaper adhesive, or any contamination that may interfere with adhesion. If unsure of cleanliness, always wash surface with a household cleaner, appropriate cleaning solution or solvent. Remove any unsound coatings. Sand any remaining paint film edges smooth with the surface. For exterior spot-priming, lightly sand exposed wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibres. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc.

Remove interior mould with an interior mould cleaner. Allow surface to dry completely before priming. Wire Brush rusty areas. Special precautions should be taken during surface preparation of pre-1960 paint surfaces as they may contain harmful lead. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.



## TECHNICAL DATA

### B-I-N® SHELLAC-BASED PRIMER-SEALER STAIN BLOCKER

#### PRODUCT APPLICATION (cont.)

##### APPLICATION

Apply only when air, material, and surface temperatures are between -18 and 32°C, the relative humidity is less than 85% and the surface temperature is 9°C above the dew point. DO NOT THIN. Eliminate all sources of ignition. Thoroughly mix to ensure any settled pigment is re-dispersed before using. Apply with a natural or synthetic bristle brush, roller or sprayer. Follow manufacturer's instructions when using spray equipment. If B-I-N thickens in the container due to solvent evaporation, add a small amount of methylated spirits. When spraying, dilute with up to 2% with methylated spirits.

##### TINTING

B-I-N Shellac-Based Primer-Sealer may be tinted with up to 16 mL of universal colourant per litre. Tinting the primer toward the colour of the topcoat helps hide in one coat. Note: The addition of universal colourant may prolong the dry time of this product.

##### COVERAGE

B-I-N Shellac-Based Primer-Sealer will cover approximately 12.5 m<sup>2</sup> per litre. Coverage may vary with application method and surface porosity.

#### PRODUCT APPLICATION (cont.)

##### DRY TIME

At normal temperatures, B-I-N will dry to the touch in 15 minutes and can be recoated in 45 minutes. Paint spot-primed exterior surfaces after they dry. Lower temperatures, higher humidity, and the addition of tint will prolong dry and cure time. Allow more time at cooler temperatures.

##### CLEAN-UP

Clean application tools with methylated spirits, allowing wet brush or roller to soak for 5-10 minutes. Dried tools require overnight soaking in methylated spirits. Follow equipment manufacturer's directions to clean spray equipment. Wipe up splatters before they dry with methylated spirits. Some local authorities have special facilities for disposing of waste paint. Do not empty into drains or watercourses.

##### LIMITATIONS

B-I-N Shellac-Based Primer-Sealer is not recommended for full surface application on exterior substrates, garage floors, decks, patios, excessively humid interior areas – e.g. sauna rooms, damp surfaces or surfaces subject to immersion or prolonged contact with water.



## TECHNICAL DATA

### B-I-N® SHELLAC-BASED PRIMER-SEALER STAIN BLOCKER

#### PHYSICAL PROPERTIES

Physical Properties		SHELLAC-BASED PRIMER-SEALER STAIN BLOCKER
Resin Type		Shellac-Based
Pigment Type		Titanium Dioxide
Solvents		Ethanol, Isopropyl Alcohol, Water
Weight	Per Litre	1.17 kg
Solids	By Weight	43.3%
	By Volume	21.9%
Volatile Organic Compounds		Max. 585 g/l
Recommended Dry Film Thickness (DFT) per Coat		12.5-25 $\mu$
Wet Film to Achieve DFT (Unthinned material)		60-115 $\mu$
Theoretical Coverage at 25 $\mu$ DFT		8.6 m <sup>2</sup> /l
Practical Coverage at Recommended DFT (assume 15% material loss)		Approximately 12.5 m <sup>2</sup> /l depending on application method and surface porosity
Dry Times at 21-27°C and 50% Relative Humidity	Touch	15 minutes
	Recoat	45 minutes
	Full Cure	1-3 days
Shelf Life		3 years
Flash Point		17°C
Flame Spread (ASTM-84-97A)		0, Class 1
Smoke Contrib. (ASTM-84-97A)		5, Class 1
Storage		Store indoors at 4-27°C
Safety Information		For additional information, see MSDS

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Rust-Oleum Australia  
Unit 12, 4 Southridge Street  
Eastern Creek, NSW 2766  
PH: 1 300 784 476  
www.rustoleum.com.au  
email: sales@rustoleum.com.au

HAYDN BRUSH CO. LTD.  
PO Box 4325  
Christchurch, New Zealand  
PH: 64-3 384 7770  
email: mail@haydn.co.nz

Form: GDH-816  
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