COVER STAIN® UNDERCOAT PRIMER-SEALER STAIN BLOCKER

DESCRIPTION AND USES

Zinsser® Cover Stain™ is a high performance, oil-based undercoat/sealer/stain blocker/bond coat that combines fast dry convenience with excellent adhesion and stain blocking properties. This all-purpose oil-based undercoat primer-sealer can be used over or under any water or solvent-based architectural paint and is suitable for new construction and remodeling. Cover Stain is suitable for interior and exterior walls, doors, trim, paneling, siding, window frames and shutters – any surface where a fast-drying and high hiding undercoat is needed.

PERFORMANCE CHARACTERISTICS

- Interior & Exterior Use
- High Hiding
- Use with all paints
- Recoat in 1 hour
- Clean up with mineral turps

PRODUCTS

SKU	DESCRIPTION
76804	1 Litre
76801	3.75 Litres
275436	6 Litres
76805	10 Litres
307155	55-Gallon Drum

PRODUCT APPLICATION

PRIMING INTERIORS – Use to prime previously coated drywall, cured plaster and masonry, spackled areas, ceiling tiles, wood or metal doors, windows, cabinets, plywood, paneling, trim, clear finishes and other interior surfaces.

PRIMING EXTERIORS – Cover Stain has excellent flexibility and penetration, making it ideal for full surface application to exterior siding and trim. Use to prime siding, soffits, fascia, trim, doors, windows and cured masonry. Recommended for all types of wood (including pine, fir, cedar, redwood and plywood), hardboard, metal (including aluminium and steel).

SEALING – Cover Stain seals unpainted or porous surfaces so topcoat paints have better coverage. Cover Stain fills and binds wood fibres creating excellent "enamel holdout" so fewer coats of paint are needed. If necessary, lightly sand new drywall after priming to remove any raised nap fibres. Note that very porous surfaces may require two coats and may reduce square metre coverage of the product.

PRODUCT APPLICATION (cont.)

STAIN BLOCKING – One coat of Cover Stain will effectively block stains including water, nicotine, ink, graffiti, crayon, marker, rust and smoke stains so they won't bleed into the topcoat. Heavy fire and water stains should be sealed with B-I-N® Primer-Sealer. B-I-N is also preferred for oil, grease, graffiti and similar stains which are soluble in white spirits. Some stains may require a second coat.

CEDAR & REDWOOD BLEED – Cover-Stain is formulated to prevent tannin bleed in the primer film. Two coats may be required on very porous woods (rough siding/shingles), under water-based or light colour topcoats.

OVER WALLCOVERING – Cover Stain may be used to prime existing, soundly adhered, non-porous wallcoverings to hide patterns/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, mould, wallpaper adhesive or any contamination that may interfere with adhesion. If unsure, always wash surface with a household cleaner, appropriate cleaning solution, or solvent. 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 fibres. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc. Kill exterior mould with proper fungicidal wash. Remove interior mould with an interior mould cleaner. Allow surface to dry completely before priming. Countersink exposed nail heads, spot prime and fill all nail holes and gouges with spackling compound. Wire brush rusty areas. Spot prime knots and sap streaks with B-I-N Primer-Sealer before whole surface priming with Cover Stain. 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.

MIXING

Mix thoroughly to ensure any settled pigment is re-dispersed.

TINTING

Cover Stain can be tinted with up to 16 mL of universal colourant per litre. Tinting the primer toward the colour of the topcoat helps it hide in one coat.

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PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when air, material, and surface temperatures are between 5-32°C and the relative humidity is less than 85%. Eliminate all sources of ignition. Apply with a natural or synthetic bristle brush, roller, pad or sprayer. Follow manufacturer's instructions when using spray equipment. When spraying Cover Stain wear an approved respirator and provide adequate ventilation. If thinning is required add no more than 78 mL mineral turps per litre and apply a second coat of undercoat.

COVERAGE

10.2 m^2 per litre. Coverage may vary depending upon the method of application and surface porosity.

DRY TIME

At normal temperatures, Cover Stain will dry to the touch in 30 minutes and can be recoated after 1 hour. Apply a topcoat within 30 days. Lower temperatures, higher humidity and the addition of tint will prolong the dry and cure time.

CLEAN-UP

Clean application tools immediately after use with mineral turps. Follow manufacturer's directions to clean spray equipment. Wipe up splatters before it dries with mineral turps. Some local authorities have special facilities for disposing of waster paint. Do not empty into drains or watercourses.

LIMITATIONS

Not intended for application to floors or decks, or to surfaces subject to immersion or prolonged contact with water.

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PHYSICAL PROPERTIES

		COVER-STAIN UNDERCOAT PRIMER-SEALER STAIN BLOCKER
Resin Type		VT Styrenated Modified Alkyd
Pigment Type		Calcium Carbonate, Magnesium Silicate, Titanium Dioxide
Solvents		Aromatic Hydrocarbons
Weight	**Per Litre**	1.32 kg
Solids	**By Weight**	68.2%
	By Volume	45.3%
Volatile Organic Compounds		<420 g/l
Recommended Dry Film (DFT) Per Coat		25.0-37.5µ
Wet Film to Achieve DFT (unthinned material)		50-75µ
Theoretical Coverage at 25µ DFT (1 mil)		(17.9 m^2/l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		10.2-15.2 m^2/l Depends on surface porosity and application method
Dry Times at 21-27°C (70-80°F) and 50% Relative Humidity	**Touch**	30 minutes
	Recoat	1 hour
	Full Cure	7 days
Shelf Life		5 years
Flash Point		10ºC
Safety Information		For additional information, see SDS

RUST-OLEUM

RUST-OLEUM AUSTRALIA & NEW ZEALAND PTY LTD
Level 2, 307 Ferntree Gully Road
Mount Waverley, Victoria 3149 Australia
PH: 1 300 784 476
Email: technical@rustoleum.com.au
www.rustoleum.com.au

Rust-Oleum New Zealand
Quad 7 Level 1, 6 Leonard Isitt Drive
Auckland Airport, Auckland 2022 New Zealand
PH: 0800 787 865
Email: technical@rustoleum.co.nz
www.rustoleum.co.nz

Rust-Oleum South Africa PTY. LTD
PO Box 400 Randvaal 1873
Gauteng, South Africa
PH: 016 365 5120
Email: info@rustoleum.co.za
www.rustoleum.co.za

Form: GDH-620
Rev.: 032621