



**ZINSSER® COVER STAIN®  
OIL BASED PRIMER**

**DESCRIPTION AND USES**

Zinsser® Cover Stain® Oil-Based Primer is an all purpose oil-based primer designed for interior or exterior applications where an oil-base primer is desired. Cover-Stain provides excellent penetration and flexibility and has excellent adhesion and stain blocking properties. Cover-Stain has excellent adhesion to dense, glossy surfaces such as enamel paints and varnishes, paneling, laminates, and ceramic tile without the need for sanding or de-glossing.

Cover-Stain is recommended for application on interior and exterior surfaces that have been damaged by fire, smoke or water. Interior surfaces include new or previously painted drywall, cured plaster and cement-based coatings, wood (including pine fir, cedar, redwood, and plywood), metal (including aluminum, iron, steel, and cooper), vinyl, PVC, masonry (including stucco, concrete block, poured concrete, and brick). Exterior surfaces include new or previously painted wood (including pine, fir, cedar, redwood, and pressure-treated wood), hardboard, metal (including aluminum, iron, steel, and copper), vinyl and PVC.

MPI #5, #45, #69, #136 Certified. Refer to the MPI website for the most current listing of MPI certified products.

**PERFORMANCE CHARACTERISTICS**

- Fast drying – Recoat in less than 1 hour
- Sticks to all surfaces and sands easily
- Designed for interior and exterior surfaces
- High hiding formula blocks most stains from nicotine, fire, smoke and water damage
- Excellent tannin blocker – use to seal bare cedar and redwood
- Easy paint thinner clean-up

**PRODUCTS**

SKU	DESCRIPTION
3500	5 Gallon
3501	1 Gallon
3503	3 Gallon
3504	1 Quart

**PRODUCT APPLICATION**

**COLOR/TINTING**

Cover Stain is white but may be tinted towards off-white and pastel shades by adding no more than 2 oz. (59 ml) universal colorant per gallon. Tinting the primer towards the topcoat improves the hiding power of the topcoat.

**PRODUCT APPLICATION (cont.)**

**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 of cleanliness, always wash surface with an appropriate ammoniated cleaning solution or solvent (do not use TSP as a cleaner). Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibers and mill glaze. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc.

Remove exterior mold & mildew with Zinsser Jomax® Mildew Killer and House Cleaner. Remove interior mildew with an interior mildew cleaner. Allow surface to dry completely before priming. Countersink exposed nail heads, spot prime and fill all nail holes and gouges with Zinsser Ready Patch® 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 Oil-Based Primer.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-Approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**LIMITATIONS**

Cover Stain® Oil-Based Primer is not intended for application to floors, decks, roof surfaces or any surface subject to immersion or prolonged contact with water. Do not box or intermix Cover Stain Oil-Based Primer with other oil-base or water-base products.

**MIXING**

Mix thoroughly to ensure any settled pigment is re-dispersed. DO NOT THIN.



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### PRODUCT APPLICATION (cont.)

#### APPLICATION

Apply only when air, material, and surface temperatures are between 40-90°F (4-32°C) and the relative humidity should not be greater than 85%. Shake or mix thoroughly before using. 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. Apply with a high quality natural or synthetic brush, roller, pad or sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying, use a 0.015 to 0.017" tip at 1500 to 2000 P.S.I.

#### DRY TIME

In most cases Cover-Stain will dry to the touch in 30 minutes and can be recoated after 1 hour. The dry primer film develops full adhesion in 7 days. Lower temperatures, higher humidity and the addition of tint will prolong the dry and cure time.

#### CLEAN-UP

Clean up spills and paint drips with a rag soaked in mineral spirits or paint thinner. If spills or drips have dried, use paint remover. Application tools may be cleaned using paint thinner. Follow manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coatings.



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**PHYSICAL PROPERTIES**

		<b>COVER-STAIN OIL-BASED PRIMER</b>
<b>Resin Type</b>		VT Styrenated Modified Alkyd
<b>Pigment Type</b>		Calcium Carbonate, Magnesium Silicate, Titanium Dioxide
<b>Solvents</b>		Aromatic Hydrocarbons
<b>Weight</b>	<b>Per Gallon</b>	11.1 lbs.
	<b>Per Liter</b>	1.33 kg
<b>Solids</b>	<b>By Weight</b>	68.6%
	<b>By Volume</b>	45.6%
<b>Volatile Organic Compounds</b>		450 g/l (3.77 lbs./gal.)
<b>Recommended Dry Film (DFT) Per Coat</b>		1.0-1.5 mils (25-37.5µ)
<b>Wet Film to Achieve DFT (unthinned material)</b>		2.0-3.0 mils (50-75µ)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		400-450 sq. ft./gal. (9.8-11.1 m <sup>2</sup> /l) Depends on surface porosity and application method
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	30 minutes
	<b>Recoat</b>	1 hour
	<b>Full Cure</b>	7 days
<b>Shelf Life</b>		5 years
<b>Flash Point</b>		83°F (28°C)
<b>Safety Information</b>		For additional information, see SDS

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