



## PRODUCT INFORMATION

**COVER-STAIN**  
OIL-BASED  
PRIMER-SEALER  
STAIN-KILLER

WM. ZINSSER & CO., INC., 173 Belmont Drive, Somerset, NJ 08875 <http://www.zinsser.com>

An RPM Company

- a multi-purpose primer-sealer for all interior and exterior applications
- seals new wood, other porous surfaces for great enamel holdout
- dries fast, recoat in 1 hour
- seals in stains, adheres to non-porous surfaces
- cleans up in mineral spirits (paint thinner)

### Description

Cover-Stain is a fast-drying, white pigmented oil-base stain-killing primer-sealer for interior and exterior surfaces-- previously painted or new work. Any latex or oil-base paint or any wallcovering can be applied over Cover-Stain. This economical primer combines universal application, fast recoat time and conventional paint thinner clean-up, making it ideal for new construction or repainting.

### Color

Available in flat white only.

### Tinting

Cover-Stain can be tinted with most "universal colorants" up to 4 ozs. per gallon. Tinting helps top coat hide in one coat.

### Uses

On new wood, Cover-Stain helps seal off knots and sappy streaks and penetrates and binds wood fibers for excellent "enamel holdout" - i.e., uniform gloss with no "high" or "low" spots. Unlike other fast-dry oil primers, it is suitable for all exterior surfaces-new trim, cedar and redwood shakes and shingles, pine and fir siding, masonry, previously painted surfaces- even gloss paint without sanding - gutters, downspouts, vents.

Interior uses are similarly broad - new woodwork, sheetrock, cured plaster, ceiling tiles, ductwork, PVC pipe, previously painted and stained surfaces.

On previously painted surfaces, Cover-Stain will block out stains from water, graffiti, smoke, grease and crayon, etc., preventing bleed-through into the finish paint. One coat will seal in most stains including patterns and colors in old wallpaper, readying the surface for paint or new wallcovering. Severe stains may require a second coat. Excessive fire, smoke and water stains should be primed with Zinsser's B-I-N Primer-Sealer. B-I-N is also preferred for "oily" stains and graffiti which are soluble in mineral spirits.

### FOR SPECIFIC USE DETAILS, SEE BELOW

### Thinning

Cover-Stain is designed to be used as is. Thinning may reduce stain-killing properties. If thinning is necessary, use paint thinner or, for faster dry, VMP naphtha but no more than one pint per gallon. Do not use toluene or xylene.

### Surface Preparation

Surface must be dry, clean and free of scaling paint, loose wallpaper or wallpaper paste. Remove any wax with mineral spirits. Wash grease stains and heavily soiled areas with heavy-duty detergent, rinse clean and allow to dry. Remove mildew with solution of 1 part household bleach and 3 parts water. Allow to dry completely.

Test all old painted or varnished surfaces for adhesion by making an "X" with a razor or knife and placing a piece of Scotch® tape over, pressing down with thumb. Quickly remove the tape (do

not pull, but quickly remove the tape). If the old paint or varnish comes off on the tape, the paint must be removed. Never paint over any painted surface that fails this test.

Fill cracks and nail holes with patching compound; sand smooth when dry. Sand all new wood with fine sandpaper and remove dust with tack cloth. Rusty surfaces should be wire brushed lightly to remove any scaly matter.

### Application Methods

Cover-Stain may be applied by brush, roller or sprayer. When brushing, use a good bristle brush, flow product on and brush out. For rolling, use a short nap roller. If spraying, thin about 10% with paint thinner. Use between 25 and 35 pounds of pressure for conventional air sprayer; 0.015 tip for airless at medium PSI (1500-2000). Cannot be applied over damp surface. Do not apply if temperature is below 40°F.

### Drying Time

Under normal conditions, dry to handle in 30-45 minutes; top coat in 60 minutes. Temperature, humidity, film thickness and ventilation affect drying time, which has an effect on stain-killing. Oil-base primers like Cover-Stain dry more slowly with lower temperatures, high humidity, thicker film and inadequate ventilation. For proper drying the solvent vapors must be removed-- not merely recirculated. If drying is slowed, stains may not be sealed off in one coat because there is more chance for the stain to migrate.

### Coverage

On porous surfaces, about 400 sq. ft. per gallon. On non-porous surfaces,, about 500 sq. ft. per gallon.

### Cleaning Equipment

Brushes and rollers should be cleaned immediately after use with paint thinner. Wipe up splatters before they dry with paint thinner.

### Specific Exterior Uses

**New Wood.** On new work, it seals and binds wood fibers and helps block out knots, sappy streaks, and most stains. Two coats may be needed on some stains. On green pine with excessive knots, it is best to test sealing effectiveness before top coating. Where bleed-through occurs, Bulls Eye Amber Shellac should be used.

Grain raising will be experienced on some raw wood surfaces. In these cases light sanding will be possible in approximately 45 minutes.

**Cedar and Redwood.** Cover-Stain seals cedar and redwood shakes and siding, eliminating worry over bleeding tannin stains ruining the appearance of the finish coat. Be sure not to over-spread the primer or the film will not be thick enough to stop the stains.

Even with a stain-sealing primer, tannin stains often appear on the painted surface. This may not be bleed-through, but the result of tannin from the back of shingles or clapboards running down the painted front surface of those directly below. On new construction, this can be prevented by priming the backs of boards and shingles-and board ends and shingle sides-before installation.

**Sign Painters** find Cover-Stain ideal for raw or painted surfaces because it blocks out lettering and stains, providing a smooth white surface.

**Gutters, Downspouts, Vents.** Cover-Stain is ideal for priming new or previously painted gutters, downspouts and other metal surfaces. It adheres tenaciously and prevents flash rusting before the top coat is applied.

**Nailheads.** With Cover-Stain, the painter can cover nailheads at the same time he primes siding and trim. Cover-Stain primes the metal and prevents flash rusting before the top coat goes on.

**Galvanized Metal.** Cover-Stain assures good adhesion to old or new metal. New galvanized should be washed with mineral spirits to remove oily film left from the manufacturing process.

**Door or Window Trim.** Excellent adhesion to gloss paint without sanding or use of deglossing agents makes it ideal for repainting doors, windows sash and trim.

**Iron Railings, Decorative Metalwork.** Cover-Stain is an ideal primer for ironwork of all kinds. Scaly matter should first be removed by light wire brushing.

**Masonry.** Cover-Stain seals the pores in cinder block and concrete, preventing suction of finish coat into the surface and affording uniform holdout. Less finish paint will be needed on a properly sealed surface. Mortar and concrete must be fully cured.

#### Specific Interior Uses

**Drywall.** Cover-Stain seals off gypsum wallboard (sheetrock) effectively, insuring uniform holdout of the finish coat of paint on the paper facing as well as on the taped joint areas.

**New Wood and Plywood.** On these surfaces, Cover-Stain performs three functions: (1) Seals the wood for uniform holdout of finish coat of paint. (2) Kills stains from knots or sappy streaks. (3) Seals off spackled or puttied nailheads.

**New Plaster.** Cover-Stain seals porous plaster walls, permitting in many cases the use of only one finish coat. Tinting to the approximate shade of finish coat is recommended. Apply over new plaster only after it is thoroughly cured and dry. Industry practice is to wait at least 90 days before painting. Even then, it is wise to have the plasterer confirm that the surface is ready for paint.

**Metal, Glass, Ceramic and Plastic Tile.** Cover-Stain adheres well to metal pipes, ductwork and ornamental pieces; glass windows and mirrors; ceramic tile, tile board, plastic tile and baked enamel; all present hard non-porous surfaces to which ordinary primers often won't adhere. Cover-Stain forms a firm bond between the base surface and top coat of paint. Paint can't be chipped or scraped off easily.

**Wallcoverings.** Cover-Stain is excellent for walls to be papered. It seals the surface so paste dries evenly and adheres properly. Sizing is recommended prior to hanging. Cover-Stain hides colors and patterns in old wallcoverings and seals off old wallpaper so there is no show-through.

**Textured Ceilings.** Cover-Stain is an ideal primer for this type finish. It seals porous tape joints, spackled areas and raw sheetrock, creating a good base for textured paint or "popcorn" ceilings. If a water or nicotine stain is present, Cover-Stain will block it out so the top coat cannot "reactivate" the stain - i.e., cause it to reappear.

#### Aerosol for Spot-Priming, Small Jobs

Cover-Stain in a spray can is convenient for spotting stains, spackled areas, knots, etc., and for priming small objects prior to painting. Full use directions and safety precautions are on the label. In spot-priming porous wall and ceilings, be sure to prime the entire surface with conventional liquid Cover-Stain to prevent flashing of spot-primed areas through the finish paint. This is especially important when the top coat has little hiding power- e.g., many ceiling paints. Applications for the aerosol include wicker furniture, pine shutters, graffiti and fingerprints.

#### Packaging

Size	Pack	Case Wt.	Case Dimensions H x D x W	Cu. in.	Cu. Ft.
5 gal (19 l)	1	51	14" x 12" x 12"	2016	1.17
1 gal (3.8 l)	4	42	7-1/2" x 13-3/8" x 13-3/8"	342	0.78
Qt. (0.95 l)	6	16	4-7/8" x 8-1/2" x 12-3/4"	528	0.31
13 oz Aerosol	6	7		383	0.22

Weight per gallon: 9.5 lbs

Flash point (Tag closed Cup): 66°F

Product contains less than 0.001% lead; contains no asbestos.

#### Warning

Product is flammable and is harmful or fatal if swallowed. Use with adequate ventilation. Vapor is harmful. Avoid prolonged breathing of vapor or prolonged contact with skin. If swallowed, do not induce vomiting. Call physician immediately. Keep out of reach of children.