



PRODUCT INFORMATION

H₂Oil-Base Oil-Based Primer-Sealer Stain-Blocker Bond Coat

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 2 hours
- Seals in stains, bonds to non-porous surfaces
- Cleans up with ordinary soap and water
- Low solvent content, safer for the environment

Description

H₂Oil-Base is a major advance in paint technology formulated with durable bonding, oil-based resins that clean up with soap and water. This revolutionary breakthrough in primer formulation has created an easy to use, fast dry oil-based primer that sticks to glossy surfaces, kills stains and completely seals any porous surface. H₂Oil-Base penetrates porous surfaces better than water-based primers and, unlike other oil-based primers that can only be used indoors, H₂Oil-Base is a great primer for any interior or exterior surface. Any latex or oil-base paint can be applied over H₂Oil-Base. Convenient soap and water cleanup eliminates the mess, danger and solvent disposal problems commonly associated with ordinary oil-based primers.

Color

Available in flat white only.

Tinting

H₂Oil-Base can be tinted with most "universal colorants" up to 4 ozs. per gallon. Tinting helps the top coats to hide in one coat.

Uses

On new wood, H₂Oil-Base helps seal in wood tannins 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, H₂Oil-base 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. Severe 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 which are soluble in mineral spirits.

Thinning

H₂Oil-Base is designed to be used as is. Thinning with mineral spirits will exceed VOC limits, increase odor and reduce stain-killing properties.

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 and heavily soiled areas with household ammonia and water, 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 it, pressing down with thumb. Yank off the tape (do not pull, but yank 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 READY PATCH or equal spackling and patching compound; sand smooth when dry. Sand all new wood with fine sandpaper and remove dust with tack cloth. Rusty surfaces have only to be wire brushed lightly to remove any scaly matter.

Application Methods

H₂Oil-Base 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. Use between 30 and 40 pounds pressure for conventional air sprayer; 0.015 tip for airless at high medium PSI (1800-2200). 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 to 45 minutes; top coat in 2 hours. Temperature, humidity, film thickness and ventilation affect drying time. Oil-base primers like H₂Oil-Base dry more slowly with lower temperatures, higher 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(9.8 sq.m/l). On non-porous surfaces, about 450 sq. ft. per gallon(11.0 sq. m/l).

Cleaning Equipment

Brushes and rollers should be cleaned immediately after use with soap and water (dishwashing detergent is ideal). Do not clean natural china bristles in water--use paint thinner. Clean-up spray equipment with paint thinner. Wipe up splatters before they dry with soap and water.

Specific Exterior Uses

New Wood. On new wood, it seals and binds wood fibers and helps block out dried knots, sappy streaks, and most stains. Two coats may be needed on some stains. H₂Oil-Base will seal in most knots, but on new wood with excessive knots, it is best to spot prime with B-I-N Primer-Sealer, which has the ultimate in knot sealing capabilities, then prime entire surface with H₂Oil-Base.

Grain raising will be experienced on some raw wood surfaces. In these cases light sanding will be possible in approximately 90 minutes.

Cedar and Redwood. H₂Oil-Base 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 bleedthrough, 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 H₂Oil-Base ideal for raw or painted surfaces because it blocks out lettering and stains, providing a smooth white surface.

Gutters, Downspouts, Vents. H₂Oil-Base 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 H₂Oil-Base, the painter can cover nailheads at the same time he primes siding and trim. H₂Oil-Base primes the metal and prevents flash rusting before the top coat goes on. However, H₂Oil-Base is not a rust inhibitive primer.

Weathered Galvanized Metal. H₂Oil-Base assures good adhesion to metal. New galvanized should be washed with mineral spirits to remove oily film left from the manufacturing process then primed with H₂Oil-Base.

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

Iron railings, Decorative Metalwork. H₂Oil-Base is an ideal primer for painted ironwork of all kinds. Scaly matter should first be removed by light wire brushing. Unpainted iron should first be primed with a rust preventative primer.

Masonry. H₂oil-base 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

Packaging

size	pack	Case wt.	Case Dimension H x D x W	Cu. In.	Cu. Ft.
5 gal (19 l)	1	66 Lbs.	131/2" x 12"x 12"	1944	1.12
1 gal (3.8l)	4	53 Lbs	8" x 14" x 133/4"	1540	0.89
Qt. (0.95 l)	6	21 Lbs	51/4" x 83/4" x 13"	605	0.35

Weight per gallon: 12.24 lbs. Flash Point (Seta Flash): 83°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. If applied in a confined area use of a fresh airline respirator is recommended. 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.

Drywall. H₂oil-base seals off gypsum wallboard (sheetrock, drywall) and joint compound 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, H₂Oil-Base performs three functions: (1) Seals the wood for uniform holdout of finish coat of paint. (2) Kills stains from most knots or sappy streaks. (3) Seals off spackled or puttied nailheads.

New Plaster. H₂Oil-Base 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 and to rinse well with a vinegar/water solution.

Glossy Paint, Metal, Glass, Ceramic and Plastic Tile. 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. H₂Oil-Base adheres well to these materials, forming a firm bond between the base surface and top coat of paint. Scrape resistance develops after 7 to 10 days as primer cures even if topcoated after 2 hours.

Wallcoverings. H₂Oil-Base is excellent for walls to be papered. It seals the surface so paste dries evenly and adheres properly. To assure good adhesion, apply a coat of WonderBase or Z-54 wallcovering primer or equivalent prior to hanging. H₂Oil-Base hides colors and patterns in old wallcoverings and seals off old wallpaper to retard showthrough.

Textured Ceilings. H₂Oil-Base 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, H₂Oil-Base will block it out so the top coat cannot "reactivate" the stain --i.e., cause it to reappear.

Volatile Organic Compounds

H₂Oil-Base contains less than 2.92 pounds VOS per gallon. Its "VOC" rating is 350 grams per liter. These low ratings for a fast-drying primer allow H₂Oil-Base to be used in areas where standard alkyd paints are now illegal. Dispose of unused product in accordance with local recycling regulations regarding oil-based paints.