



Z-PRIME®

DESCRIPTION AND USES

Zehrung Z-Prime® is a fast drying, oil-based white pigmented primer/sealer designed to provide a firm bond over any paintable surface under any conventional topcoat. Z-Prime quickly prepares difficult surfaces, both porous and non-porous, including drywall, old enamel, pre-finished paneling, hardboard and clean or painted metal. It is also suitable for chalky exterior siding and trim, high gloss enamels, old varnish and tempered hardboard.

Z-Prime may be used outdoors for spot priming or for use on dimensionally stable surfaces such as aluminum, wood or wrought iron. For exterior wood, use oil-based Z-Prime Plus or water-based Z-Prime II.

Z-Prime seals and adheres to surfaces contaminated with oil, grease, smoke or water-borne deposits. For heavy grease, oil stains or severe fire damage, use Zerolac pigmented shellac. For exterior trim lumber, use Z-Prime II. For optimum tannin blocking, use Z-Prime Plus.

Z-Prime is not recommended for whole surface exterior application or for application to floors, decks, or any surface subject to immersion or prolonged contact with water.

PERFORMANCE CHARACTERISTICS

- Dries in minutes, can be recoated in 45 minutes
- Blocks stains
- Bonds to difficult surfaces
- Interior and exterior use
- Seals porous surfaces with excellent enamel holdout
- Can be used over and under wallcoverings

PRODUCTS

SKU	Description
12600	5-Gallon
12601	1-Gallon
12604	1-Quart

PRODUCT APPLICATION

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. Wash surface with an appropriate cleaning solution and rinse thoroughly. Lightly sand glossy surfaces. Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth with the surface. Remove existing stains by washing, sanding, scraping, etc. Countersink exposed nail heads and fill all nail holes and gouges with spackling compound or equally suitable material. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibers.

PRODUCT APPLICATION (cont.)

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.

APPLICATION

Apply only when air, material, and surface temperatures are between 40-90°F (4-32°C) and the relative humidity is below 85%. Mask or cover all surfaces not to be primed. Use with adequate ventilation and keep away from all sources of ignition. Z-Prime is ready to use. Thinning is not necessary. Thoroughly mix to ensure any settled pigment is re-dispersed 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 finishes. For best results, prime entire surface before painting. Keep container closed when not in use.

Apply with a natural or nylon bristle brush, roller, airless or conventional sprayer. Follow manufacturer's instructions when using spray equipment. When spraying, avoid excessive spray pressure and small tips which cause over-atomization and back roll to ensure uniformity and penetration of the primer. If sprayed indoors, wear NIOSH approved respirator and provide adequate ventilation.

TINTING

Z-Prime may be tinted with up to 2 ounces of universal colorant per gallon. Tinting the primer toward the color of the topcoat helps hide in one coat. Note: The addition of universal colorant may prolong the dry time and decrease the stain blocking properties of this product.

DRY TIME

Dries to the touch in 45 minutes, can be recoated in 1 hour. Lower temperatures, higher humidity, and the addition of tint will prolong dry and cure time. Allow more time at cooler temperatures.

CLEAN-UP

Clean up spills and paint drips with mineral spirits. Clean application tools immediately with mineral spirits. If product has dried on application tools, soak tools overnight in mineral spirits and scrub clean with a stiff brush. Follow equipment manufacturer's directions to clean spray equipment.



TECHNICAL DATA

Z-PRIME®

PHYSICAL PROPERTIES

Physical Properties		Z-PRIME®
Resin Type		Modified Alkyd
Pigment Type		Titanium Dioxide
Solvents		Aliphatic Petroleum Distillates
Weight	Per Gallon	10.7 lbs.
	Per Liter	1.28 kg
Solids	By Weight	65.0%
	By Volume	41.0%
Volatile Organic Compounds		450 g/l (3.75 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.5 mils (37.5-62.5µ)
Wet Film to Achieve DFT (Unthinned material)		3.5-6.0 mils (87.5-150µ)
Practical Coverage at Recommended DFT (assume 15% material loss)		200-300 sq.ft./gal. (4.9-7.4 m ² /l) – Porous surfaces 350-450 sq.ft./gal. (8.6-11.1 m ² /l) – Non-porous surfaces
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	45 minutes
	Recoat	1 hour
	Sand	1 hour
Shelf Life		3 years
Flash Point		54°F (12°C)
Safety Information		For additional information, see SDS

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