



**UNIVERSAL PRIMER**

**DESCRIPTION AND USES**

Multispec® Universal Primer is a high performance, water-based primer designed for use under any Multispec coating. This product provides a fast drying, low odor primer/sealer with excellent adhesion, enamel holdout and stain blocking properties. It is compatible with most latex and oil-based topcoats.

Use on interior and exterior new or previously painted drywall, wood (pine, fir, cedar, redwood, plywood, T-111), cured plaster, masonry (stucco, cement, poured concrete, concrete block), hardboard, vinyl, PVC, fiberglass, tile, or metal (aluminum, steel, clean galvanized metal). Adheres to tough surfaces such as high gloss enamels, old varnish, countertops or tile.

Universal Primer seals unpainted porous surfaces, extending the coverage of the topcoat. Universal Primer is an excellent under-coater for oil or latex enamels, and provides high holdout and smooth sanding surface necessary to prevent variations in topcoat gloss.

Universal Primer locks in stains such as residual nail head dust, asphalt, creosote, tannin bleed from cedar or redwood, lipstick, crayon, oil, grease, handprints, most ball point and felt tip pen marks. Note: When priming over bare cedar or redwood, allow 24 hours dry time before painting. Persistent stains may require a second coat.

**PRODUCTS**

SKU	Description
270888	1-Quart
270889	1-Gallon
270890	5-Gallon

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

Surfaces should be clean, dry, sound and free of any contamination, mildew, rust or unsound coatings that may interfere with adhesion. Remove loosely adhered or unsound coatings. Always wash the surface with an appropriate cleaner or solvent. Rinse surface thoroughly and allow to dry prior to application of primer. Spot prime knots and sap streaks with Zinsser B-I-N® Primer/Sealer. For countertops, scuff sand prior to priming.

**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](http://www.epa.gov/lead).

**APPLICATION**

Apply only when air, material, and surface temperatures are between 50-85°F (10-29°C) and the relative humidity is below 85%. Thoroughly mix to ensure any settled pigment is re-dispersed before using. Apply with a synthetic (nylon, polyester or blend) bristle brush, roller, conventional sprayer or airless sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying use a .017" tip at 2000 to 2500 psi. Wear NIOSH approved respirator and provide adequate ventilation.

**THINNING**

Universal Primer is formulated to be used without thinning. If thinning is necessary, add no more than 10 fluid ounces of clean tap water per gallon and mix thoroughly. Note that excessive thinning will hinder stain blocking properties.

**TINTING**

Universal Primer 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. Shake or stir well before using.

**DRY TIME**

Dries to the touch in 30-45 minutes, can be sanded or 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. When used over laminate, wait 2 hours to sand or recoat. Full adhesion and hardness develops in 2 days.

## TECHNICAL DATA

**MULTISPEC®**

## UNIVERSAL PRIMER

### PRODUCT APPLICATION (cont.)

#### LIMITATIONS

Universal Primer is not recommended for applications to floors, decks, roof surfaces or any surface subject to immersion or prolonged contact with water.

#### CLEAN-UP

Clean up promptly with warm water and liquid detergent. Wipe up splatters before they dry. If spills or drips have dried, use denatured alcohol or ammoniated detergent to soften and remove primer. Wash application tools in detergent and warm water immediately use. Follow equipment manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings. PROTECT FROM FREEZING.

**TECHNICAL DATA****MULTISPEC®****UNIVERSAL PRIMER****PHYSICAL PROPERTIES**

Physical Properties		UNIVERSAL PRIMER
Resin Type		Water-based Acrylic
Pigment Type		Titanium Dioxide
Solvents		Water, Glycol Ethers
Weight	Per Gallon	10.7 lbs.
	Per Liter	1.28 kg
Solids	By Weight	49.4%
	By Volume	34.4%
Volatile Organic Compounds		0 g/l
Recommended Dry Film Thickness (DFT) per Coat		1.0-1.5 mils (25-37.5 $\mu$ )
Wet Film to Achieve DFT (Unthinned material)		3.0-4.5 mils (75-112.5 $\mu$ )
Theoretical Coverage at 1 mil DFT (25 $\mu$ )		552 sq.ft./gal. (13.6 m <sup>2</sup> /l)
Practical Coverage at Recommended DFT (assume 15% material loss)		Approximately 400 sq.ft./gal. (9.8 m <sup>2</sup> /l) depending on application method and surface porosity
Dry Times at 70°F (21°C) and 50% Relative Humidity	Touch	30-45 minutes
	Recoat	1 hour
	Full Cure	2 days
Shelf Life		5 years
Flash Point		>200°F (93°C)
Storage		Store indoors at 40-80°F (4-26°C)
Safety Information		For additional information, see MSDS

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