



## TECHNICAL DATA

# ZINSSER® ODORLESS INTERIOR OIL BASE STAIN BLOCKER

## DESCRIPTION AND USES

Zinsser® Odorless is a high solids, low VOC specialty primer formulated for interior applications where oil-base performance is required but odour is a concern. This sprayable formula is ideal for residential and commercial property maintenance. Compatible with all oil or latex architectural paints.

Use on all types of bare or painted interior surfaces including wood, steel, drywall, plaster, concrete, stucco and masonry surfaces. It provides excellent adhesion to dense, glossy surfaces such as enamel paints and varnishes, paneling, laminates, and ceramic tile without sanding or de-glossing.

### SEALING & STAIN BLOCKING

Seals porous and moderately chalky surfaces to provide a smooth finish that is easily sanded to enhance coverage and provide consistent sheen to topcoat finishes. Zinsser Odorless tolerates pH up to 12.5 which makes it ideal for sealing porous, freshly cured plaster, cement, concrete and masonry surfaces.

Zinsser Odorless effectively blocks stains from water, nicotine, smoke, fire damage, graffiti, crayon, and pencil marks with a bright white, non-yellowing, flat finish. Two coats applied to ceilings may be left unpainted as a flat ceiling paint.

MPI #45, #136, #223 Certified\*

## PERFORMANCE CHARACTERISTICS

- Oil base stain blocking performance without the odour, making it ideal for occupied areas
- Formula sprays through medium sized airless pumps
- Seals difficult stains from water, fire, smoke & nicotine
- Adheres to glossy surfaces without sanding or deglossing
- Bright white, non-yellowing, flat finish can be left uncoated
- High pH resistance (up to 12.5) for concrete, plaster, stucco & joint/texture compounds
- Blocks stains from water, fire and smoke damage
- Seals a variety of common stains like crayon, graffiti, food stains, etc.
- Compatible with oil or latex topcoats

\*Refer to the MPI website for the most current listing of MPI certified products.

## PRODUCTS

SKU	DESCRIPTION
248263	3.7 L (Gallon)
248264	946 mL (Quart)

## APPEARANCE

Zinsser Odorless is white but may be tinted to off white and pastel shades by adding no more than 30 mL (1 oz.) universal colourant per 3.78 L (1 gallon).

## 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. If unsure of cleanliness, always wash surface with an appropriate 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. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc. Allow surface to dry completely before priming. Spot prime knots and sap streaks with B-I-N® Primer-Sealer before whole surface priming with Zinsser Odorless Stain Blocker.

### LIMITATIONS

Zinsser Odorless is not recommended for exterior applications or for use under wallcoverings, floors, decks, roof surfaces or any surface subject to immersion or prolonged contact with water. Do not box or intermix Zinsser Odorless with other oil-base or water-base products.



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### PRODUCT APPLICATION (cont.)

#### APPLICATION

**Important!** Extinguish all flames and pilot lights, and turn off all stoves, heaters, electric motors and other sources of ignition during use until project is complete.

Apply only when air, material, and surface temperatures are between 5-32°C (40-90°F) and the surface temperature is at least 3°C (5°F) above the dew point. The relative humidity should not be greater than 85%. Thoroughly mix with a drill motor to ensure any settled pigment is re-dispersed before using. **DO NOT THIN.**

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. For best results, prime entire surface before painting. Apply with a natural or synthetic bristle brush, roller, or airless sprayer. Follow manufacturer's instructions when using spray equipment.

Airless spraying - use a .017" tip at 2500 to 3000 P.S.I. Wear NIOSH approved respirator and provide adequate ventilation. Note: Compatible with water and alkyd-base topcoats. Topcoats containing lacquer thinner, MEK or similar strong solvents may soften primer and reduce gloss.

#### DRY TIME

Dry time is based on 21°C (70°F) and 50% relative humidity. Dries to the touch in 30 minutes, can be recoated in 2 hours, and is fully cured in 7 days.

#### CLEAN-UP

Clean up spills and paint drips with mineral spirits or paint thinner. Wipe up splatters before they dry. Follow equipment manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coating

### CCCR

**FUMES MAY BE HARMFUL.** Do not swallow or breathe fumes. Do not get in eyes. Wear an organic Vapor respirator and safety glasses. Use only in a well ventilated area. Keep away from flames or sparks. Keep out of reach of children. **FIRSTAIDTREATMENT:** Contains aliphatic hydrocarbon. If swallowed call a Poison Control Centre or doctor immediately. If breathed in, move person into fresh air. If in eyes, rinse well with water.

	<b>TECHNICAL DATA</b>
	<b>ZINSSER® ODORLESS INTERIOR OIL BASE STAIN BLOCKER</b>

**PHYSICAL PROPERTIES**

		ODORLESS INTERIOR OIL-BASE STAIN BLOCKER
<b>Resin Type</b>		Synthetic Oil-based Alkyd
<b>Pigment Type</b>		Titanium Dioxide
<b>Solvents</b>		Aliphatic and Aromatic Hydrocarbons
<b>Weight</b>	<b>Per Gallon</b>	13.1 lbs.
	<b>Per Liter</b>	1.57 kg
<b>Solids</b>	<b>By Weight</b>	77.3%
	<b>By Volume</b>	52.3%
<b>Volatile Organic Compounds</b>		350 g/l (2.9 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		1.5-2.0 mils (37.5-50µ)
<b>Wet Film to Achieve DFT (Unthinned material)</b>		3.0-4.0 mils (75-100µ)
<b>Practical Coverage at Recommended DFT (assume 15% material loss)</b>		350-400 sq.ft./gal. (8.6-9.8 m²/l) May vary with application method and surface porosity
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	30 minutes
	<b>Recoat</b>	2 hours
	<b>Stain Sealing</b>	2 hours
	<b>Full Cure</b>	7 days
<b>Shelf Life</b>		5 years
<b>Flame Spread (ASTM-84-97A)</b>		5, Class 1
<b>Smoke Contribution (ASTM-84-97A)</b>		0, Class 1
<b>Flash Point</b>		41°C (106°F)
<b>Safety Information</b>		For additional information, see SDS

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