



**ZINSSER®  
ODOR KILLING PRIMER**

**DESCRIPTION AND USES**

Zinsser® Odor Killing Primer is a low odor, water-based primer that kills existing odors on interior surfaces. It applies white and dries fast to a clear, low sheen finish to permanently seal in odors. Odor Killing Primer is designed to eliminate difficult existing odors from pets (including urine), food, cigarette and cigar smoke, fire and smoke damage. Odor Killing Primer is compatible with all clear finishes and paints, both water and oil based. To hide unwanted stains while blocking odors, use Zinsser BIN® Ultimate Stain Blocker.

Odor Killing Primer is suitable for use on all painted or unpainted interior surfaces such as wood floors, cabinets, walls and ceilings, including drywall, cured plaster, masonry, metal and PVC. Odor Killing Primer has excellent adhesion to glossy surfaces such as enamel paints and varnishes, paneling, laminates, galvanized metal, glass and ceramic tile, without the need for sanding or deglossing.

**FEATURES**

- Kills existing odors from pets, urine, tobacco and fire
- Applies white, dries clear
- Compatible with any clear finish or paint
- Dries in 45 minutes
- Low odor

**PRODUCTS**

SKU	Description
305928	1-Gallon
307648	1-Quart
307649	5-Gallon
305697*	12 oz. Aerosol

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

Surfaces must be clean, dry, sound and free of any contamination, mildew, rust or unsound coatings that may interfere with adhesion. If unsure, wash the surface with a low suds cleaning solution or a TSP substitute. For urine odors, avoid using ammonia. Rinse thoroughly and allow to dry.

Houses painted before 1978 may contain lead. **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).

\*The aerosol version is a solvent-based acrylic copolymer, which offers the same performance as the water-based counterpart.

**PRODUCT APPLICATION (cont.)**

**APPLICATION**

Odor Killing Primer is designed for interior use only. Mix thoroughly. Apply when air or surface temperatures are between 40°F (4°C) and 90°F (32°C) and the relative humidity is less than 85%. Use adequate ventilation during application.

**Brush Goods** - Apply using a brush, roller, or airless sprayer. Follow the manufacturer's instructions when using spray equipment. For airless spraying use a 0.017" tip at 2000 to 2500 psi. If thinning is required, add no more than 10 fluid ounces (295 mL) of clean water per gallon. For severe problem odor areas, apply a second coat. Coverage is dependent on substrate porosity and surface smoothness.

**Aerosol** - Use at room temperature (70°F) in a well ventilated area and avoid application in high humidity. Shake can vigorously until the ball inside the can rattles. Turn can upside down and continue shaking for one minute and shake occasionally during use. If ball does not rattle, do not strike the can. Contact Rust-Oleum. Spray 10-12" from object and apply multiple coats with short, light strokes allowing the product to become tacky between each coat. If the valve clogs, twist and pull off spray tip and rinse in a solvent such as mineral spirits. Do not insert any object into can valve opening.

**FLOOR/SUB FLOOR USE**

Odor Killing Primer provides a flexible and resilient finish which works well with the natural movements of flooring materials. When using this product on floors that will be carpeted, tiled or covered with a laminate-type flooring product, a topcoat is not necessary.

**TINTING**

When topcoating with paint, improve the hiding by tinting Odor Killing Primer towards the finish color with a maximum of 1 fluid ounce (30 mL) of universal colorant per gallon. Shake container well before use.

**APPLICATION NOTE**

When applying a finish color over Odor Killing Primer, always pre-test in an inconspicuous area before topcoating, particularly with lacquer or catalyzed finishes. Test Odor Killing Primer over exotic or excessively oily woods to determine compatibility. Test Odor Killing Primer over a moisture-cured urethane finishes to determine if adhesion is acceptable.

**DRY TIME**

**Brush Goods** - Odor Killing Primer dries to the touch in 25 minutes and can be recoated in 45 minutes. Full adhesion and hardness develops in 7 days.

**Aerosol** - Dries to the touch in 30 minutes, to handle in 1 hour and can be recoated in 1 hour. Full adhesion and hardness develops in 7 days.



## TECHNICAL DATA

### ZINSSER® ODOR KILLING PRIMER

#### PRODUCT APPLICATION (cont.)

##### CLEAN-UP

**Brush Goods** - Clean up with warm water and liquid detergent. Wipe up splatters before they dry. Follow equipment manufacturer's directions to clean spray equipment. See label for proper container disposal.

**Aerosol** – Wipe off tip before storing. Clean up wet paint with xylene or mineral spirits. Throw away empty can in trash pickup. Do not burn or place in home trash compactor.

#### PRODUCT APPLICATION (cont.)

##### LIMITATIONS

Odor Killing Primer will kill existing odors found on surfaces, thus eliminating unwanted airborne smells. It will not remove odors subsequent to application. It is not a disinfectant or sanitizer. Not recommended for exterior applications, excessively humid interior areas or surfaces subject to immersion or prolonged contact with water.

**TECHNICAL DATA****ZINSSER® ODOR KILLING PRIMER****PHYSICAL PROPERTIES**

Physical Properties		BRUSH GOODS	AEROSOL
Resin Type		Styrene Copolymer	Shellac
Pigment Type		Talc	None
Solvents		Glycol Ethers and Water	Acetone, Ethanol, Isopropanol
MIR		NA	0.86 Max
Fill Weight		NA	12 ounces
Weight	Per Gallon	9.1 lbs.	NA
	Per Liter	1.09 kg	NA
Solids	By Weight	42.4%	NA
	By Volume	37.2%	NA
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)	NA
Recommended Dry Film Thickness (DFT) per Coat		1.0-1.5 mils (25-37.5μ)	NA
Wet Film to Achieve DFT (Unthinned material)		2.5-4.0 mils (62.5-100μ)	NA
Practical Coverage at Recommended DFT (assume 15% material loss)		Approximately 350-400 sq.ft./gal. (8.6-9.8 m <sup>2</sup> /l) depending on application method and surface porosity	Approximately 8-10 sq.ft./can (0.74-0.93 m <sup>2</sup> /can depending on surface porosity)
Specular Gloss		20° Gloss - 3.5-4.5	NA
		60° Gloss – 20-25	NA
		85° Gloss – 20-25	NA
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	25-30 minutes	30 minutes
	Handle	25-30 minutes	1 hour
	Recoat	45 minutes	1 hour
	Full Cure	7 days	7 days
Shelf Life		5 years	3 years
Flash Point		>200°F (93°C)	-156°F (-141°C)
Storage		Protect from freezing. Store indoors at 40-80°F (4-26°C)	NA
Disposal		See label for proper container disposal	
Safety Information		For additional information, see SDS	

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