



**BONDZ<sup>®</sup>  
MAXIMUM ADHESION PRIMER**

**DESCRIPTION AND USES**

Zinsser<sup>®</sup> BONDZ<sup>®</sup> is an acrylic bonding primer designed for priming difficult to paint surfaces. Use on interior and exterior surfaces to promote maximum adhesion over building material plastics, including PVC sheeting & piping, vinyl, laminated Formica<sup>®</sup> cabinets, fiberglass awnings and garage doors, tile, glazed block and brick, and non-ferrous metals such as aluminum doors and window frames, aluminum flashing and trim, Kynar<sup>®</sup> coated metals, galvanized steel, glossy oil-based enamels, drywall, masonry, glass, paneling, painted or unpainted wood, and slightly chalky surfaces. Apply any top coat finish including oil-based enamels, water-based acrylics, epoxies, urethanes, and lacquer.

This product is not recommended for application to floors, decks, other surfaces subject to immersion or prolonged contact with water or below grade applications. It is not recommended for use on polyethylene, polypropylene, Teflon<sup>®</sup> or nylon surfaces. **DO NOT MIX WITH ANY OTHER PRIMER.**

MPI #17 Certified\*

**PERFORMANCE CHARACTERISTICS**

- Bonds to all topcoats and hard, dense surfaces
- May be used with all topcoats including solvent-based and two-component epoxies
- Topcoat in 1 hour with conventional paints; in 6 hours with epoxies
- Excellent wet adhesion
- Very low odor and low VOCs
- Easy soap and water clean-up

**PRODUCTS**

SKU	Container Size
256260	5-gallon
256261	1-Gallon
271198	1-Quart

**APPEARANCE**

BONDZ is white but may be tinted to off-white and pastel shades to improve the hiding power of the topcoat by adding no more than 2 oz. (59 ml) universal colorant per gallon.

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

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

Surfaces should be clean, dry, sound and free of any contamination, mildew, scaling paint, loose rust, heavy chalking, excessive oil and other contaminants such as wax or wallpaper paste which will interfere with adhesion. If unsure of cleanliness, always wash surface with an appropriate cleaner or solvent. **DO NOT USE TSP.** Always test a small area for acceptable adhesion. For general oil and water-based stain blocking, use a Zinsser stain blocking primer such as Zinsser Smart Prime or Zinsser Bulls-Eye 1-2-3<sup>®</sup> Plus. Spot prime knots and severe stains with Zinsser B-I-N<sup>®</sup> Shellac-based Primer-Sealer before full surface priming with BONDZ.

**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).

**MIXING**

Mix thoroughly to ensure any settled pigment is re-dispersed. **DO NOT THIN.**

**APPLICATION**

Apply only when air, material, and surface temperatures are between 36-90°F (2-32°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater than 85%. Mix thoroughly 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 paints. For best results, prime entire surface before painting. Apply with a natural or synthetic bristle brush, roller, pad or sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying use a .017" tip at 2000 to 2500 psi.

**CLEAN-UP**

Clean up spills and paint drips with warm soap and water. Wipe up splatters before they dry. Follow manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

**TECHNICAL DATA****BONDZ<sup>®</sup> MAXIMUM ADHESION PRIMER****PHYSICAL PROPERTIES**

		BONDZ MAXIMUM ADHESION PRIMER
<b>Resin Type</b>		Acrylic
<b>Pigment Type</b>		Titanium Dioxide
<b>Solvents</b>		Glycol Ethers, Water
<b>Weight</b>	<b>Per Gallon</b>	10.2 lbs.
	<b>Per Liter</b>	1.22 kg
<b>Solids</b>	<b>By Weight</b>	45.6%
	<b>By Volume</b>	33.2%
<b>Volatile Organic Compounds</b>		<100 g/l (0.83 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		1.0-2.0 mils (25-50 $\mu$ )
<b>Wet Film to Achieve DFT (Unthinned material)</b>		3.0-6.0 mils (75-150 $\mu$ )
<b>Theoretical Coverage at 1 mil DFT (25<math>\mu</math>)</b>		532 sq.ft./gal. (13.1 m <sup>2</sup> /l)
<b>Practical Coverage at Recommended DFT (assume 15% material loss)</b>		Approximately 400 sq.ft./gal. depending on 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>Light Sanding or Recoat</b>	1 hour (most paints) 6 hours (epoxies)
	<b>Full Hardness</b>	4 days
<b>Storage and Handling</b>		Store indoors, 40-90°F (4-32°C)
<b>Shelf Life</b>		5 years
<b>Flash Point</b>		>200°F (93°C)
<b>Safety Information</b>		For additional information, see MSDS

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