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Rust-Oleum 271198

Zinsser Bondz Maximum Adhesion Primer User Manual

MODEL: 271198

1. Introduction

Thank you for choosing Zinsser Bondz Maximum Adhesion Primer. This water-based, urethane-modified acrylic bonding primer is engineered for superior adhesion to challenging surfaces, preparing them for a wide range of topcoats. This manual provides essential information for safe and effective use, including setup, application, maintenance, and troubleshooting.

2. Safety Information

Always prioritize safety when working with paints and primers. Read and understand all instructions before use.

- **Ventilation:** Use in a well-ventilated area. Ensure adequate fresh air during application and drying.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment (PPE), including safety glasses to protect eyes and gloves to protect skin.
- **Inhalation:** Avoid breathing vapors or spray mist. If ventilation is poor, use a respirator approved for organic vapors.
- **Skin Contact:** Avoid contact with skin. Wash thoroughly with soap and water after handling.
- **Eye Contact:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention.
- **Ingestion:** Do not ingest. If swallowed, call a poison control center or doctor immediately. Do not induce vomiting.
- **Flammability:** Keep away from heat, sparks, and open flame.
- **Storage:** Store in a cool, dry place, away from direct sunlight and freezing temperatures. Keep container tightly closed when not in use.
- **Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- **Children and Pets:** Keep out of reach of children and pets.

3. Product Overview

Zinsser Bondz Maximum Adhesion Primer is designed to provide excellent adhesion on a variety of challenging surfaces, both interior and exterior. Its low VOC and low odor formula makes it suitable for use in occupied spaces.

- Bonds all topcoats to hard, dense surfaces.
- Compatible with all paints, including solvent-based and two-part epoxies.
- Fast curing, allowing topcoat application in 1 hour.
- Low odor and low VOC (Volatile Organic Compounds).
- Suitable for multi-surface applications.



Image: Four quart cans of Zinsser Bondz Maximum Adhesion Primer, showcasing the product packaging and branding. Each can is labeled with 'BONDZ Maximum Adhesion Primer' and 'Item No 271198'.

4. Setup and Surface Preparation

Proper surface preparation is crucial for optimal adhesion and finish.

1. **Clean Surface:** Ensure the surface is clean, dry, and free of dust, dirt, grease, wax, and loose paint. Use a suitable cleaner if necessary, and rinse thoroughly.

2. **Remove Loose Material:** Scrape off any loose or peeling paint. Sand glossy surfaces to dull the finish and improve adhesion.
3. **Repair Imperfections:** Fill any cracks or holes with appropriate patching compound and allow to dry. Sand smooth.
4. **Masking:** Mask off any areas not intended for priming, such as trim, windows, or adjacent walls, using painter's tape.
5. **Stir Thoroughly:** Before use, stir the primer thoroughly to ensure all components are well mixed. Do not thin.

5. Application Guidelines

Apply Zinsser Bondz Maximum Adhesion Primer using a high-quality synthetic brush, roller, or airless sprayer.

1. **Application Temperature:** Apply when air and surface temperatures are between 50°F (10°C) and 90°F (32°C).
2. **Application Method:**
 - **Brush:** Use a good quality synthetic brush.
 - **Roller:** Use a 3/8" nap roller cover for smooth to semi-smooth surfaces.
 - **Airless Sprayer:** Use a .015"-.017" tip at 2000-2500 PSI.
3. **Coverage:** This primer covers approximately 400 sq-ft per gallon, depending on surface porosity.
4. **Drying Time:** Dries to touch in 30 minutes. Recoat or topcoat in 1 hour. For two-part epoxies, allow 6 hours before topcoating.
5. **Number of Coats:** One coat is typically sufficient. For extremely porous or stained surfaces, a second coat may be applied after 1 hour.

6. Care and Storage

Proper care and storage will extend the life of your product and tools.

- **Cleaning Tools:** Clean brushes, rollers, and spray equipment immediately after use with warm soapy water.
- **Spills:** Clean up spills immediately with a damp cloth.
- **Storage:** Store unused primer in its original container, tightly sealed, in a cool, dry place away from direct sunlight and freezing temperatures. Do not allow to freeze.
- **Disposal:** Dispose of unused product and empty containers according to local regulations. Do not pour down drains.

7. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Poor Adhesion	Improper surface preparation (dirty, greasy, glossy surface)	Ensure surface is clean, dry, and dull. Sand glossy surfaces.

Problem	Possible Cause	Solution
Uneven Finish	Inconsistent application, improper roller nap, or surface imperfections.	Apply evenly. Use appropriate roller nap for surface. Repair surface imperfections before priming.
Slow Drying Time	High humidity, low temperature, or excessive film thickness.	Ensure adequate ventilation. Apply within recommended temperature range. Apply thin, even coats.
Bubbling/Foaming	Over-rolling, applying too quickly, or surface contamination.	Avoid over-rolling. Apply at a steady pace. Ensure surface is clean.

8. Specifications

Key technical details for Zinsser Bondz Maximum Adhesion Primer.

Attribute	Detail
Brand	Rust-Oleum (Zinsser)
Model Name	Zinsser Bondz
Item Model Number	271198
Color	White (Tintable)
Finish Type	Gloss
Item Volume	32 Fluid Ounces (per can)
Unit Count	128.0 Fluid Ounces (4-pack)
Paint Type	Watercolor (Water-based)
Specific Uses	Interior/Exterior
Surface Recommendation	Multi Surface
Special Feature	Low Odor
Full Cure Time	1 Hour (for topcoat)
Coverage	400 sq-ft/gal
Country of Origin	USA

9. Warranty and Support

Rust-Oleum stands behind the quality of its products. For specific warranty details or technical support, please refer to the product packaging or visit the official Rust-Oleum website. If you have questions regarding product application, performance, or safety, please contact Rust-Oleum customer service.

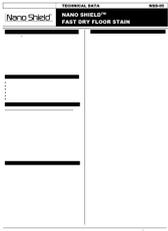
Contact Information:

Please refer to the contact details provided on the product label or the official Rust-Oleum website for the most current support information.

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Related Documents - 271198

	<p>Rust-Oleum Furniture Transformations Low VOC System Technical Data and Application Guide Comprehensive technical data and application guide for Rust-Oleum Furniture Transformations Low VOC system, detailing surface preparation, deglosser, bond coat, decorative glaze, and topcoat application for a durable furniture finish.</p>
	<p>Pintura en Aerosol Base Agua Low Odor de Rust-Oleum®: Especificaciones Técnicas y Aplicación Información detallada sobre la pintura en aerosol base agua Low Odor de Rust-Oleum®, incluyendo usos, preparación de superficies, aplicación, tiempos de secado, propiedades físicas y datos técnicos. Ideal para proyectos interiores y exteriores.</p>
	<p>Rust-Oleum Tub & Tile Refinishing Kit Technical Data and Application Guide Comprehensive technical data, product details, application instructions, and safety information for the Rust-Oleum Tub & Tile Refinishing Kit, designed for renewing ceramic tile, porcelain, fiberglass, acrylic, cast iron, and steel tubs and sinks.</p>
	<p>Rust-Oleum Stops Rust Turbo Spray System SRT-44 Technical Data Sheet Technical data sheet for Rust-Oleum Stops Rust with Turbo Spray System (SRT-44), including product description, application instructions, and physical properties. Learn about coverage, dry times, and preparation.</p>



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Comprehensive technical data for Nano Shield Fast Dry Floor Stain by Rust-Oleum. Includes product features, application guide, surface preparation, physical properties, coverage, dry times, and safety warnings for interior hardwood floors.



[Rust-Oleum Stops Rust Textured Sprays: Technical Data and Application Guide](#)

Technical data and application guide for Rust-Oleum Stops Rust Textured Sprays, detailing product uses, preparation, application instructions, dry times, cleanup, and physical properties for various textured spray paint finishes.