Technical Data Bulletin

Rust-Oleum Corporation
11 E. Hawthorn Pkwy. Vernon Hills, IL 60061
An RPM Company

PEEL STOP®

Water-Base
Clear Binding Primer

Product No.

06000

06001

06004

Generic Type – Vinyl resin, water-based, clear, interior and exterior binding primer

Performance Characteristics

- Binds cracking, chalking and peeling paint to the surface
- Fills gaps under edges of old paint and seals chalky surfaces
- Reduces extensive paint removal prior to recoat
- Extends the serviceable life of problem surfaces
- Use with any oil-base or water-base architectural topcoat
- Fast-dry – can be recoated in just 2 hours
- Interior and exterior application
- Easy soap and water clean up

Recommended Uses – Apply to interior and exterior walls, ceilings, doors, trim, fascia, soffits, foundations, and similar painted surfaces that exhibit chalking, alligatoring and peeling. PEEL STOP seeps into these spaces and 'glues' them down, forming a tight bond that helps stop future peeling. The special formula of PEEL STOP penetrates and binds chalky residues; it acts as a flexible bridging primer to seal face checking and help prevent the finish coat from cracking, providing a sound surface for primer and paint.
Interior – Previously painted drywall, plaster, cement, concrete, or stucco walls and ceilings; wood doors, windows, baseboards, trim.
Exterior – Previously painted wood siding, windows, doors, fences, and trim; metal gutters and downspouts; masonry siding, walls and foundations (including cured concrete, stucco, concrete block, brick, vinyl and aluminum siding, etc.).

Surface Preparation - Surfaces should be as well-prepared as possible. This includes 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, always wash surface with a household ammonia and water solution, appropriate cleaning solution, or solvent (Do not use TSP as a cleaner). Remove as much as possible of any unsoundly adhered coatings. Sand any remaining paint film edges smooth with the surface. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibers. Attempt to remove existing stains by washing, sanding, scraping, etc. Kill exterior mildew with Zinsser JOMAX® House Cleaner and Mildew Killer. Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibers. Countersink exposed nailheads and fill all nailholes and gouges with Ready Patch®. Remove interior mold and mildew before painting with a solution of one cup household bleach per gallon of water or a quality biocidal wash. Rinse well. Always wear protective clothing and goggles to prevent eye and skin contact with bleach. Do not mix ammonia or any other chemical with bleach solution.

If you are concerned about mold and mildew behind walls, underneath flooring, in ventilation systems or other unseen areas, contact a professional who specializes in mold and mildew remediation. For commercial buildings and schools follow appropriate guidelines for mold removal. Spot prime knots and sap streaks with Zinsser B-I-N® Primer-Sealer before applying PEEL STOP. **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.gove/lead

Application Conditions – Apply when air and surface temperature is between 50° and 90° F (10° and 32° C) and relative humidity is less than 85%. Substrate moisture content should not exceed 12%.

Application Methods – Shake or stir before using. Do not thin. Apply with brush and/or roller or airless sprayer. Back brush or roll to work product into cracks and edges of old paint. When properly applied, PEEL STOP should dry to a slight sheen. Apply a second coat if dull spots appear. For best brushing performance use quality synthetic bristle brushes. Natural bristle brushes are not recommended for use with this product. 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. Keep container closed when not in use.

- Brush, Roller or Pad – Use synthetic (nylon, polyester or blend)
- Airless Sprayer – Use .015" – .017" tip @ 2000–2500 PSI
- Conventional Sprayer – Spray at 50 – 60 PSI

Tinting – Do not tint this product.

Dry Time – In most cases PEEL STOP will dry to the touch in 1 hours and can be recoated after 2 hours. The dry primer film develops full adhesion after it cures in 7 to 10 days.

Lower temperatures, higher humidity can prolong dry time. If conditions do not permit prompt drying, allow PEEL STOP to dry overnight before priming or painting. Do not apply PEEL STOP if rain is expected and primer or topcoat cannot be applied before rain occurs. Note: Product that has seeped under the edges of remaining paint layers or has filled minute cracks may take longer to dry than material on exposed surfaces.

Priming & Topcoating – Any quality water-base or oil-base primer or paint may be used over PEEL STOP. Since PEEL STOP is clear, it may be necessary to prime surfaces to achieve hide using *Bulls Eye® 1-2-3* or *Cover-Stain®* followed by a coat of quality latex or alkyd paint to assure optimum results.

Coverage – Approx. 400 sq. ft. (37 m^2) per gallon on smoother surfaces; 300 sq. ft. (28 m^2) per gallon on rough, unpainted, porous surfaces. Application losses may vary according to the porosity of the substrate and the method of application and should be taken into account when estimating the quantity of product needed.

Cleanup – Clean up spills and drips with liquid detergent and warm water. If spills or drips have dried use denatured alcohol or ammoniated detergent to soften and remove primer. Wash application tools in a solution of detergent and water immediately after use. If dried on tools let soak overnight in a solution of equal parts ammoniated detergent and water. Scrub bristles clean with a wire brush. Follow manufacturer's instructions when cleaning spray equipment.

Disposal – Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

Limitations – PEEL STOP is formulated to help prolong the adhesion of existing paint coatings and is not intended as a substitute for proper surface preparation or for application to surfaces where paint failure results from chronic or excessive moisture intrusion. Repair any source of moisture intrusion before attempting to repaint. Ongoing paint failure may require complete removal of the existing coating system. Not for use on floors, exterior decks or surfaces subject to immersion or prolonged contact with water.

Precautions - WARNING! Do Not Take Internally. May cause gastrointestinal irritation. If swallowed call physician or poison control center. Avoid contact with eyes and skin. May cause eye and skin irritation. In case of eye contact flush eyes with water for at least 15 minutes. Use with adequate ventilation. **Keep Out of Reach of Children.**

Warranty – PEEL STOP is guaranteed to perform as indicated when applied according to label directions to a properly prepared surface. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. The contents of the container are warranted to be free from any other defect for 2 years from the date of manufacture. All warrantees and guarantees are limited to refund or replacement of product used with proof of purchase. No other warranty or guarantee is expressed or implied.

Typical Physical Properties

Percent Solids, Weight:	21.6%
Percent Solids, Volume:	19.3%
Density:	8.73 lb. (3.96 kg)/gal
Viscosity Range:	2000-4000 cps
Theoretical Spread Rate @ 1 mill DFT:	417 sq. ft (xx m^2)/gal
Dry Time @ 75° F/50% RH:	Touch: 1 hour Recoat: 2 hour2
Adhesion Cure @ 75° F/50% RH:	7 – 10 days
Flame Spread (ASTM-84-97A):	0, Class 1
Smoke Contrib. (ASTM-84-97A):	5, Class 1
Flash Point (ASTM D3278):	>200° F (93° C)
VOC:	100 g/L
Freeze/Thaw Stable:	Yes
Shelf Life:	60 mo @ 75° F (24° C)
Storage/Handling:	Store indoors 40° – 90° F (4° – 32° C)

Technical Assistance - Available through local authorized Rust-Oleum dealers. For the dealer nearest you call (888) 855-1774 or visit www.zinsser.com..

Packaging

Unit Size	Unit Code	Case Pack	Case Weight	Pallet Pack
5 gallon	06000	1	47 lbs.	36 ea.
1 gallon	06001	4	40 lbs.	45 cs.
1 quart	06004	6	16 lbs.	112 cs.

Rust-Oleum Corporation 11 E. Hawthorn Pkwy. Vernon Hills, IL 60061 (847) 367-7700

CAUTION: Read and carefully follow all information on this technical data bulletin, on the product label, and on the material safety data sheet for this product. To the best of our knowledge the data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact Rust-Oleum Corporation to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Rust-Oleum Corporation quality control and assume no responsibility for coverage, performance, or injuries from use.