

PERMA-WHITE® **Mould & Mildew-Proof*** **Interior Paint** **Eggshell / Satin / Semi-Gloss Finish**

* PERMA-WHITE® contains a mildewcide to prevent growth of mould & mildew on the paint film only.

A high performance acrylic interior paint uniquely formulated to beautify and protect interior surfaces while preventing mould & mildew growth on the paint film for FIVE YEARS. **PERMA-WHITE®** passes severe ASTM 5590 and 3273 tests even when subjected to combined strains of mould & mildew spores. **PERMA-WHITE®** produces a tough, durable, washable finish that withstands moisture and resists dirt pickup – key conditions that promote mould & mildew growth on the paint film and eventually cause paint failure. Ideal for Commercial, Industrial, or IAQ Remediation jobs as well as for Residential use.

Selection Data

Generic Type - Latex acrylic resin, water-base, interior finish paint. Available in eggshell, satin and semi-gloss sheens.

Performance Characteristics

- Mould & Mildew-Proof™ paint film guaranteed for 5 years
- Antimicrobial – inhibits the growth of odor causing microbes on the paint film (does not protect against food borne or disease-causing bacteria).
- Self-priming – bonds to glossy and hard-to-paint surfaces
- Easy application properties, high hide, great touch-up
- Durable – washable, moisture resistant finish
- Tintable to a wide variety of colors
- Low odor, fast drying – recoat in 2 hours
- Soap and water cleanup

Recommended Uses - For application to interior walls, wall cavities, ceilings, trim, doors, and related paintable surfaces. Ideal for bathrooms, basements, kitchens, laundry rooms, closets, locker rooms, hot tub rooms, enclosed porches and pool areas or any interior where mould & mildew is a concern. Great for institutional or commercial use in schools, hospitals, hotels, nursing homes, restaurants, athletic facilities, etc.

Color/Tinting - **PERMA-WHITE®** is bright white but may be tinted to off-white, pastel or medium colors with a maximum of 4 oz. (118 ml) universal colorants per gallon. Start with 75% of the tinting formula for a given color and adjust if necessary.



Coverage - A single coat applied at 1.5 mils dried film thickness (DFT) covers approximately 10m²/L. Coverage may vary with the porosity of the surface and the method of application.

Application Data

Application Requirements - 2 coats are required for proper performance and mould & mildew-resistance.

Surfaces - Recommended for interior use on new or previously painted gypsum drywall, cured plaster, cement, poured concrete and stucco; concrete block; ceramic tile; primed or previously painted wood and metal; vinyl paneling; aluminum; rigid, paintable plastics, laminates, and other paintable surfaces. **PERMA-WHITE®** will adhere to gloss or semi-gloss paints, existing wallcoverings, ceramic tile and similar glossy surfaces without prior sanding.

Damp Surfaces - **PERMA-WHITE®** may be applied over damp masonry walls but is not designed to stop active water leaks. Use **WATERTITE® Mould & Mildew-Proof™™ Waterproofing Paint** for masonry prone to water intrusion. **PERMA-WHITE®** may be used over any quality waterproofing paint to prevent mould and mildew growth on the paint film.

Surface Preparation

Surfaces must be clean, sound and free of dirt, dust, grease, wax, wallcovering adhesive, soap film, loose paint or other surface contamination. Remove all existing mould and mildew before painting. If you are concerned about mould and mildew behind walls, underneath flooring, in ventilation systems or other unseen areas, contact a professional who specializes in mould and mildew remediation. For commercial buildings and schools follow appropriate guidelines for mould removal. Clean surfaces with a solution of one cup household bleach per gallon of water or a quality biocidal wash.

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.

Stains - Rust, tannin, grease, mould & mildew and other stains should be blocked with the appropriate stain killing primer sealer such as *B-I-N*® or *BULLS EYE*® *ODOURLESS*. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc.

Application

Shake or stir well before using. Apply with synthetic bristle brush, roller, pad applicator or sprayer. For airless spraying, use a .017 tip and high medium (2000-2600 PSI) pressure. Apply when air and surface temperatures are between 50° and 90°F (10° and 32°C) and humidity is less than 80%. **PERMA-WHITE**® is designed to be used as is. If thinning is necessary (such as with conventional sprayer applications), use only water and no more than 10% by volume (approx. 12 oz/gallon).

Dry Time - Dries in 2 hours. Apply second coat 2 hours or longer after the first. Scrape-resistance over glossy surfaces develops in 5 to 7 days as **PERMA-WHITE**® cures. If used above tile on shower walls, wait at least 24 hours before using shower. Do not scrub the new coating for seven days.

Cleanup - Clean up spills and drips with a wet cloth or rag. Wash application tools in warm, soapy water immediately after use. If product has dried on application tool, soak it overnight in a solution of equal parts household ammonia and water. Follow manufacturer's instructions when cleaning spray equipment.

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

Typical Physical Properties

Solids by Weight	57% (E), 54% (S), 51% (SG)
Solids by Volume	41% (E), 38% (S), 38% (SG)
Weight (lb./gallon)	11.6 (E), 11.9 (S), 10.6 (SG)
Required Number of Coats	Two
Spread Rate	4.0 mils WFT per coat 1.5 mils DFT per coat
VOC	Less than 150 gr/liter
Flashpoint (Setaflash)	>200°F (>93.3°C)
Perm Rating	4.3 (E), 4.5 (S), 4.5 (SG)
Dry to touch @ 70°F (21°C)	30 minutes
Dry to recoat @ 70°F (21°C)	2 hours
Cure Time	7 to 10 days

Gloss/Sheen Levels	60°	85°
Eggshell	5-8%	15-20%
Satin	18-23%	47-53%
Semi-Gloss	50-55%	80-85%
Shelf Life	60 mos. @ 75°F (24°C)	
Storage/Handling	Store indoors 40° – 80°F (4° – 26°C) Freeze/thaw stable	

Limitations

PERMA-WHITE® Mould & Mildew-Proof™ Interior Paint is not intended for application to floors or any surface subject to water immersion or prolonged contact with water including shower enclosures, saunas or steam rooms. Not recommended for use in HVAC duct work.

Precautions

Safety: CAUTION! May cause eye irritation. Avoid contact with eyes. In case of eye contact, flush eyes with plenty of water for at least 15 minutes. Do not take internally. If swallowed call a physician or Poison Control Center. Use with adequate ventilation. If frozen let thaw at room temperature. **KEEP OUT OF REACH OF CHILDREN.**

Storage: To prevent product from skinning over close container after each use. Keep lid tightly closed during storage. Protect from freezing. If contents freeze, thaw to room temperature before using. NOTE: **PERMA-WHITE**® is formulated with a mildewcide approved for paint use and does not contain mercury or lead compounds.

Warranty

PERMA-WHITE® Mould & Mildew-Proof™ Interior Paint is guaranteed for five years from the date of application to provide protection of the dried paint film from mildew when 2 coats are applied according to the label directions. Application of other paints over **PERMA-WHITE**® nullifies the warranty. The contents are warranted to be free of defects for two years from date of manufacture. All warranties and guarantees are limited to replacement or refund value of product actually used when supported by proof of purchase. Directions are as complete as possible but cannot encompass all conditions, applications and/or surfaces beyond our control. If you have a question, please contact Zinsser (UK) Ltd.