

# Technical Data Sheet

## PermaWhite<sup>®</sup> Mould Resistant Interior Paint

A high performance acrylic interior paint uniquely formulated to beautify and protect interior surfaces while preventing mould and mildew growth on the paint film.

**PermaWhite<sup>®</sup>** produces a tough, durable, washable finish that withstands moisture and resists dirt pickup – key conditions that promote mould and mildew growth on the paint film and eventually cause paint failure. For use in homes, schools, or commercial buildings.

**Selection Data:** Latex acrylic resin, water-based, interior paint. Available in matt and satin sheens.

### Performance Characteristics

- **PermaWhite** mould resistant interior paint contains a biocide that protects the dried coating against fungal degradation\*.
- The paint film is designed to resist cracking, peeling and blistering for up to 7 years before first maintenance.
- Self-priming – bonds to glossy and hard-to-paint surfaces.
- Durable – washable, moisture resistant finish.
- Scrubbable – Class 1 Wet Scrub Rating (ISO 11998).
- Tintable via the relevant tint base to BS5252F, RAL & NCS colours via our ColourShop2 tinting system.
- Low odour, 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, enclosed porches and pool areas or any interior where mould and mildew is a concern. Great for institutional or commercial use in schools, hospitals, hotels, nursing homes, restaurants, athletic facilities, etc.

**Colour:** Available in both white & tint bases.

**Tinting:** **PermaWhite** is available in tint bases that can be tinted via the ColourShop2 to BS5252F, RAL and NCS colours. Always stir thoroughly and check the paint colour on an inconspicuous area before full application. Multiple containers of tinted paint of the same colour, used on a single project should be intermixed (boxed) to ensure colour uniformity.

**Coverage:** Apply at a coverage rate of 10m<sup>2</sup>/L/coat. 2 coats are required to ensure optimum performance and mould resistance is achieved. Coverage may vary depending on the profile and porosity of the substrate and method of application.

**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. **PermaWhite<sup>®</sup>** will adhere to gloss or semi-gloss paints, existing wallcoverings, ceramic tile and similar glossy surfaces without prior sanding. Before applying **PermaWhite<sup>®</sup>** to bare plaster it must first be sealed with a primer e.g., **Bulls Eye<sup>®</sup> 1-2-3**.

**Damp Surfaces:** Use **WaterTite<sup>®</sup> Waterproofing Paint** for masonry prone to water intrusion. **PermaWhite<sup>®</sup>** may be used over any quality waterproofing paint to prevent mould and mildew growth on the paint film.

**Surface Preparation:** Surfaces must be clean, dry, sound and free of dirt, dust, grease, wax, wallcovering adhesive, soap film, loose paint or other surface contamination. Wash surfaces with **Zinsser<sup>®</sup> Universal Degreaser & Cleaner** and rinse thoroughly. Ensure surfaces are completely dry before painting, a maximum moisture content of 16%. Remove all existing mould and mildew before painting, such as with **Zinsser Mould Killer & Remover**. 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. Check for satisfactory paint adhesion by cutting an X into the old paint film. Apply cellotape firmly over the "X" and pull tape away quickly. If old paint releases, it is unsound and should be removed back to a firm edge. Sand rough areas smooth and remove dust. Wear a suitable face mask if dry sanding.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **Special precautions should be taken during the surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. When dry-sanding avoid dust inhalation by wearing a suitable protective face mask.**

**Stains:** Rust, tannin, grease, mould and mildew and other stains should be blocked with the appropriate **Zinsser®** stain killing primer-sealer such as **B-I-N®**. 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 10° and 32°C and humidity is less than 80%. **PermaWhite®** 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.

**Dry Time:** Dries in 30 minutes. Apply a second coat after 2 hours. Scrape-resistance over glossy surfaces develops in 5 to 7 days as **PermaWhite®** cures. If used above tile on shower walls, wait at least 24 hours before using the shower. Do not scrub the new coating for seven days.

**Cleanup:** Clean up spills and drips immediately with warm water and liquid detergent. 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. Use **Zinsser® B-I-N® Brush Cleaner** to remove dried paint from brushes.

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

#### Typical Physical Properties

Solids by Weight: 61% (M), 57% (S)

Solids by Volume: 47% (M), 45% (S)

Density 1.35kg/L (M) 1.25kg/L (S)

Required Number of Coats: Two

Spread Rate: 10m<sup>2</sup> / litre per coat

VOC: EU limit for this product (Cat: IIA/a) 30g/l.

This product contains a maximum of 30g/l.

Dry to touch: @ 21°C 30 minutes

Dry to recoat: @ 21°C 2 hours

Cure Time: 7 to 10 days

Gloss / Sheen Levels: 60° 85°

Matt: 5-8% 15-20%

Satin: 18-23% 47-53%

Shelf Life: 3 years in unopened containers

Storage / Handling: Store indoors 4°– 26°C

Freeze / thaw stable

**Limitations: PermaWhite® Mould Resistant 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.

**Safety:** Refer to product Safety Data Sheet for full details, available at [www.zinsseruk.com](http://www.zinsseruk.com).

**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.

**Warranty:** The contents are warranted to be free of defects for three years from the 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.

**\*PermaWhite** contains a biocide to protect the dried film from fungal degradation. Satin: Once dried the paint film is classed as a treated article and contains the surface biocide 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one 0.12% by weight. Matt: Once dried the paint film is classed as a treated article and contains the surface biocide 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one 0.12% by weight.