

# Technical Data Sheet

## Perma-White® Interior

A high performance acrylic interior paint uniquely formulated to beautify and protect interior surfaces while preventing mould and mildew growth on the paint film for 5 years. Perma-White® passes severe ASTM 5590 and 3273 tests even when subjected to combined strains of mould and mildew spores. Perma-White® 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. Ideal for Commercial, Industrial, or IAQ Remediation jobs as well as for Residential use.

### Selection Data-

Generic Type- Latex acrylic resin, water-based, interior finish paint. Available in matt, 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 colours
- 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, hot tub 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/Tinting-

Perma-White® is bright white but may be tinted to off-white, pastel or medium colours with a maximum of 31 ml universal colourants per litre. Start with 75% of the tinting formula for a given colour and adjust if necessary.

### Coverage-

A single coat applied at 36 micron dried film thickness (DFT) covers approximately 10m<sup>2</sup> / 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 and 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. Before applying Perma-White® to bare plaster it must first be sealed with a primer e.g. Bulls Eye® 1-2-3.

#### Damp Surfaces-

Perma-White® may be applied over damp masonry walls but is not designed to stop active water leaks. Use Watertite® Mould and 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, 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. 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. **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 stain killing primer

sealer such as B-I-N® or Bulls Eye® Virtually 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 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.

**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. Use Zinsser BIN 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: 57% (E), 54% (S), 51% (SG)

Solids by Volume: 41% (E), 38% (S), 38% (SG)

Density 1.25kg / litre

Required Number of Coats: Two

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

VOC: Less than 100g / litre

Flashpoint: (Setaflash) >93.3°C

Perm Rating: 4.3 (E), 4.5 (S), 4.5 (SG)

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%

Semi-Gloss: 50-55% 80-85%

Shelf Life: 2 years in unopened containers

Storage / Handling: Store indoors

4° – 26°C

Freeze / thaw stable

#### **Limitations-**

Perma-White® Mould and 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 get medical attention. 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 and 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.