

# Technical Data Sheet

## Watertite Waterproofing Paint

Keeps water out – Lifetime Guarantee

- Keeps mould and mildew away – guaranteed for 5 years
- Twice the strength of latex waterproofers
- Great for wet or dry walls
- Smooth finish, Easy to apply
- Ultra low odour solvent-based formula

### Description-

Low-odour, solvent-based, acrylic, water-proofing paint.

### Performance Characteristics-

- Stops 2.39kgf/cm<sup>2</sup> (34psi.) of water pressure
- Less odour than acrylic paint
- Prevents water-seepage through cement, masonry and concrete block walls and basement floor slabs.
- Prevents the growth of mold and mildew on the paint film
- Can be applied to wet or dry surfaces
- Smooth, non-yellowing, non-gritting matt finish
- Interior or exterior application, above or below grade
- Prevents recurring efflorescence
- Fast drying – recoat in 4 hours
- Great for alkaline surfaces up to 12.5 pH

### Recommended Uses-

Watertite® Waterproofing Paint a ready to use coating formulated to waterproof interior and exterior concrete, stucco, cement, cinder block and other masonry surfaces. It is ideal for interior basement walls and for sealing concrete basement slabs prior to installing flooring (not recommended for foot traffic). It is also great for exterior foundations and retaining walls, above and below grade.

### The Watertite® Advantage:

A beautiful finish guaranteed to keep water out and mould and mildew away! Watertite® features an Ultra Low Odour solvent-based formula that combines a state-of-the-art waterproofing resin, portland cement, and other unique ingredients and mildewcides. It guarantees a beautiful, smooth finish with twice the waterproofing strength of latex waterproofers and a mold and mildewproof\* paint film for 5 years. Watertite® is a two coat system. The first coat primes and seals the surface. The topcoat completes the sealing process to ensure protection against water intrusion and mildew growth on the paint film.

### Surface Preparation-

**New or unpainted masonry:** Surface must be clean and free of dirt, grease, oil, soap and other contaminants. New masonry must cure at least 30 days before applying **WATERTITE®**. Salting or efflorescence - a white powdery

deposit often found on walls - must be removed ("etched") with a solution of hydrochloric acid or concrete etching compound. Follow manufacturer's directions and safety precautions. Rinse the surface thoroughly with water after application. Remove all existing mould and mildew. Use a proper fungicidal wash following manufacturer's directions. For commercial buildings, follow appropriate guidelines for mould removal.

**Previously painted surfaces:** **WATERTITE®** is designed to produce a waterproof finish when applied to bare masonry. It can be used over previously painted surfaces, however its waterproofing ability is then dependent upon the integrity of the previous coating. For best results, remove as much of the old coating as possible by manually scraping the surface, followed by thorough wire brushing. A belt power sander with a 50 grit sanding belt is also effective. **Special precautions should be taken during surface preparation of pre-1960 paint surfaces as they may contain harmful lead. Avoid the inhalation of dust.**

**Wear a suitable face mask if dry sanding.** Exterior surfaces should be power washed or sand blasted to remove all loose and scaling paint and cement. Clean all surfaces with an efflorescence remover or brick cleaner and rinse as detailed above. Loose sand and grit must be removed from the surface by vacuuming or sweeping.

**Patching Water Leaks and Cracks:** All holes and cracks, especially active water leaks, must be patched with hydraulic cement. Seal the joint where the floor and wall meet with hydraulic cement (e.g. Portland Cement) or a flexible urethane sealant. Follow manufacturer's directions for dry time, etc.

### Application-

To ensure against accumulation of solvent vapours, be sure to open all windows and doors. Use a nonsparking exhaust fan to provide air movement. Extinguish all flames and pilot lights at water heaters and heating systems. Turn off air/heating systems at thermostat. Walls can be damp, but must be free of active water leaks. Stir thoroughly before and during application. **DO NOT THIN.** Apply when air and surface temperatures are 10°C or higher. Do not apply if heavy rain is expected within 24 hours. Liberally apply the first coat using a thick polyester bristle brush, or by rolling a small section (1m x 1m), and then using a brush to work the coating into the pores of the masonry. Apply as much paint as necessary to produce a continuous, pinhole free film. Use a 20-25mm nap roller for unpainted, porous surfaces, and an 18mm nap roller for smooth or previously painted surfaces. The second coat can be

brushed or rolled. Do not over spread. **WATERTITE®** is a two coat system. The first coat primes and seals the surface. The topcoat completes the sealing process to ensure protection against water intrusion.

#### **Dry Time-**

Dries to the touch in 1 hour. Allow the first coat to dry a minimum of 4 hours before applying the second coat. After the second coat has dried, inspect the surface for pin holes. Reapply additional paint to those areas as necessary. After reaching its full cure in 7-14 days, **WATERTITE®** will stop 2.39kgf/cm<sup>2</sup> (34psi.) of water pressure. Do not apply if heavy rain is expected within 24 hours.

#### **Recommended Coverage-**

On rough, porous masonry apply both coats at a rate of 2m<sup>2</sup> per litre. On smooth, denser surfaces, and those previously painted, apply the first coat as above. The second coat can be applied at a rate of 2.5m<sup>2</sup> per litre.

#### **Colour / Tinting-**

**WATERTITE®** can be tinted to other off-white and pastel tones. Start with 25% of the tinting formula for a given colour and adjust if necessary. Maximum tint - 60ml per 10Litres (6ml per Litre). Mix on mechanical shaker for 7-9 minutes, or use a drill mixer. Multiple containers of tinted paint should be intermixed (boxed) to ensure colour uniformity.

#### **Cleanup-**

Wipe up fresh spills and drips with a rag and paint thinner. To minimize solvent odours, use odourless mineral spirits and clean application tools outside of the work area. Use Zinsser BIN Brush Cleaner to remove dried paint from brushes.

#### **Typical Physical Properties-**

Solids by weight: 74%

Solids by volume: 48%

Density: 1.5kg / litre

Viscosity range: 105 - 110 KU

VOC: Less than 350g / litre

Flashpoint (Seta flash) 41°C

Dry time (to touch): @ 21°C 1 hour

Dry time (to recoat): @ 21°C 4 hours

Shelf Life: 3 years in unopened containers

Storage / Handling: Store indoors 4°C - 32°C Freeze / thaw stable

#### **Topcoating-**

Watertite® produces a beautiful, bright white matt finish. If desired, it may be topcoated with any quality paint, but will nullify the mould and mildew protection portion of our warranty. To maintain the warranty, use Perma-White® Mould and Mildew-Proof\* Interior Paint for interiors and Perma-White® Mould and Mildew-Proof\* House and Trim Paint for exteriors. Allow a minimum of 14 days before painting.

#### **Limitations-**

Watertite® is not recommended for potable water tanks, cisterns, bird baths or swimming pools, or as a primer or finish on floors subject to foot traffic.

#### **Our Watertite® Guarantee-**

Watertite® is backed by a **Lifetime Guarantee** to provide a waterproof finish when applied to bare masonry surfaces according to label directions except when leaks are due to

settlement cracks or surface deterioration. In addition, Watertite® is guaranteed for 5 years from the date of application to provide protection of the dried paint film from mould and mildew when two coats are applied according to label directions. Application of coatings other than Perma-White® Mould and Mildew-Proof\* Paints nullifies the mould and mildew protection portion of this warranty. The contents of this product are warranted to be free of defects for two years from date of manufacture. All warranties and guaranties are limited to replacement or refund value of product actually used when supported by proof of purchase. Label 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. No other warranty or guarantee is expressed or implied.

#### **Precautions**

Consult product Safety Data Sheet.

Watertite® meets federal specifications TTP-1411A at 10lbs psi (Hydrostatic) and TT-C-555B (Wind Driven Rain).