



Technical Data Bulletin

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An **RPM** Company

WATERTITE® **Mould & Mildew-Proof*** **Waterproofing Paint** For Basements and Masonry

* This product contains a mildewcide to prevent the growth of mould & mildew on the paint film only.

- Keeps water out – LIFETIME GUARANTEE
- Keeps mold & 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 odor oil-base formula

Description:

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

Performance Characteristics:

- Stops up to 34 lbs of water pressure - that's twice the strength of latex waterproofers
- Less odor than latex paint
- Prevents water-seepage through cement, masonry and concrete block walls and basement floor slabs.
- Prevents the growth of mold & mildew on the paint film
- Can be applied to wet or dry surfaces
- Smooth, non-yellowing, non-gritting eggshell 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® MOULD & MILDEW-PROOF* WATERPROOFING PAINT is 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). 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 & mildew away! **WATERTITE Mold & Mildew-Proof* Waterproofing Paint** features an Ultra Low Odor oil-base 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 waterproofer. Salting or efflorescence - a white powdery deposit often found on walls - must be removed ("etched") with a solution of muriatic 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 solution of 1 cup household bleach per gallon of water or use a mildew cleaner. For commercial buildings, follow appropriate guidelines for mould removal. (If there is concern 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). Remove exterior mould and mildew with **JOMAX®** House Cleaner and Mildew Killer.

Previously painted surfaces: **WATERTITE** is guaranteed to produce a waterproof finish when applied to bare masonry. It can be used over previously painted, nonglossy 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. (Be sure to wear an approved NIOSH respirator.) Exterior surfaces should be power washed or sand blasted to remove all loose and scaling paint and cement. Clean all surfaces with a muriatic acid wash and rinse as detailed above. Loose sand and grit caused by acid etching must be removed from the surface by vacuuming or sweeping.

Patching Water Leaks and Cracks - All holes & cracks, especially active water leaks, must be patched with a quality hydraulic cement. Seal the joint where the floor and wall meet with hydraulic cement. Follow manufacturer's directions for dry time, etc.

Application:

To ensure against accumulation of solvent vapors, be sure to open all windows and doors. Use a non-sparking 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 wet, but must be free of active water leaks. Stir thoroughly before and during application. DO NOT THIN. Apply when air and surface temperatures are 50°F (10°C) or higher. Liberally apply the first coat using a thick polyester bristle brush, or by rolling a small section (3ft X 3ft), 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 1" nap roller for unpainted, porous surfaces, and a 3/4" nap roller for smooth or previously painted surfaces. The second coat can be brushed or rolled. Do not over spread.

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 surface for pinholes. Reapply additional paint to those areas as necessary. After reaching its full cure in 7-14 days - slightly longer if tinted - **WATERTITE** will stop up to 34 psi 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 75 sq. ft./gal. (7m²). On smooth, denser surfaces, and those previously painted, apply the first coat as above. The second coat can be applied at a rate of 100 sq. ft./gal. (9.3m²). Two coats must be applied to earn our warranty.

Color/Tinting - **WATERTITE** tints easily to beige, blue, and gray (see back of container label). It can also be tinted to other off-white and pastel tones. Start with 25% of the tinting formula for a given color and adjust if necessary. Maximum tint - 1.5 oz. (30 ml) per gallon. Mix on mechanical shaker for 7-9 minutes, or use a drill mixer. Multiple containers of tinted paint should be intermixed (boxed) to ensure color uniformity.

Cleanup - Wipe up fresh spills and drips with a rag and paint thinner. To minimize solvent odors, use odorless mineral spirits and clean application tools outside of the work area.

Typical Physical Properties:

Solids by weight	74%
Solids by volume	48%
Density	12.3 Pounds/Gallon
Viscosity range	105 - 110 KU
VOC Less than	400 grams/litre
Flashpoint (Seta flash)	106o F
Dry time (to touch) @ 70°F	1 hour
Dry time (to recoat) @ 70°F	4 hours
Shelf Life	60 months @ 75°F. (24°C)
Storage/Handling	Store indoors 40°F - 90°F (4°C - 32°C) Freeze/thaw stable

Topcoating:

WATERTITE produces a beautiful, bright white eggshell 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 & Mildew-Proof* Interior Paint* for interiors and *PERMA-WHITE® Mould & Mildew-Proof* House & 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® MOULD & MILDEW-PROOF* WATERPROOFING PAINT 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 **FIVE YEARS** from the date of application to provide protection of the dried paint film from mould & mildew when two coats are applied according to label directions. Application of coatings other than *PERMA-WHITE® Mould & Mildew-Proof** Paints nullifies the mould & 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.

WARNING! Contains Petroleum Distillates and Portland Cement. Causes Eye Irritation. Combustible liquid and vapor. Keep away from heat and flame. May cause eye, skin, and respiratory irritation. Avoid contact with eyes and skin. In case of eye contact flush eyes with water for at least 15 minutes and get medical attention. Use with adequate ventilation. Avoid breathing vapor and mist. If you experience difficulty in breathing, eye watering, headache, or dizziness, increase fresh air; wear an appropriate, properly fitted (NIOSH approved) respirator; or leave the area to obtain fresh air. If symptoms persist, get medical attention. Do not take internally. If swallowed, call physician or poison control center. Wash thoroughly after handling. **Keep Out of Reach of Children.**

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

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CAUTION: Read and carefully follow all the 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 Zinsser (UK) Ltd. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Zinsser quality control and assume no responsibility for coverage, or injuries from use.