

Technical Data Sheet

WaterTite® Waterproofing Paint

A low odour, solvent based, acrylic, water proofing paint for masonry. A two coat system providing a bright white, smooth flat matt, mould and algae resistant finish that resists dirt pick up while providing superior waterproofing.

Performance Characteristics:

- Keeps water out, stops 2.39kg/f/cm² (34psi)
- Mould and algae resistant*
- Prevents water seepage through cement, masonry and concrete block walls
- Interior or exterior application, above or below grade
- Prevents recurring efflorescence
- Fast drying, recoat in 4 hours
- Can be applied to wet or dry surfaces
- Smooth, non-yellowing, non-gritting, bright white, matt finish

Recommended Uses:

WaterTite® Waterproofing Paint is a ready to use coating for application on interior and exterior masonry surfaces such as concrete, render, cement, and breezeblock. Ideal for interior basement walls, exterior foundation and retaining walls, above and below grade.

Surface Preparation:

New or unpainted masonry: Surface must be clean, sound and free of any surface contaminants such as dirt, grease, oils, soap, mould & mildew, unsound materials or any other contaminants that will affect performance. New masonry must be allowed to cure for 30 days prior to 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 after application. Remove all existing mould and mildew. Use a proprietary 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 applied over previously painted, non-glossy surfaces however its waterproofing ability is then dependent upon the integrity of the previously applied 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. Ensure work is carried out in accordance with HSE recommendations where required.** Exterior surfaces should be power washed, or sand blasted to remove all loose and scaling paint and cement. Clean 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 meets the wall with hydraulic cement (e.g., Portland Cement) or a flexible urethane sealer, following manufacturer's directions for drying times etc.

Application:

To ensure against accumulation of solvent vapours, 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 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. After the second coat has dried, inspect the surface for pin holes, where pin holes are noted apply additional paint as necessary.

Drying 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/cm² (34psi.) of water pressure. Drying times are based at application in warm conditions with a good air flow, lower temperatures and reduced airflow will prolong drying times.

Recommended Coverage:

On rough, porous masonry apply both coats at a rate of 2m² 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 2.5m² per litre.

Colour / Tinting:

WaterTite[®] is bright white and can be tinted to other off-white and pastel tones if required. Start with 25% of the tinting formula for a given colour and adjust if necessary. Maximum tint - 60ml per 10 litres (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. Note: Where required, **WaterTite**[®] can be over coated with any quality paint, overcoating will nullify the mould and algae resistance. If this property is required ensure a mould and algae resistant paint is applied, your local trade paint centre or Zinsser UK Technical Support Team will be happy to discuss a suitable topcoat for your project. **WaterTite**[®] must be allowed to cure for a minimum of 14 days before painting over.

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[®] B-I-N Brush Cleaner to remove dried paint from brushes. For large spills consult the Safety Data Sheet.

Typical Physical Properties:

Solids by weight: 75%

Solids by volume: 49%

Density: 1.5kg / litre

Viscosity range: 100 - 110 KU

VOC: Less than 350g / litre

Flashpoint (Setaflash) 42°C closed cup

Dry time (touch): 1 hour @ 21°C

Dry time (recoat): 4 hours @ 21°C

Shelf Life: 3 years in unopened containers, stored in cool, dry conditions away from direct sunlight

Storage / Handling: Store indoors 4°C -32°C,

Freeze/Thaw stable

Health & Safety:

Consult product Safety Data Sheet at www.zinsseruk.com and product packaging.

Mould & Algae Resistant*

This product contains a biocide to protect the dried film from fungal & algal degradation. 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 0.0743% by weight. *Determination of Resistance of Surface Coatings to Mould Growth (BS3900 Part G6). Determination of Anti-Algal Activity of Paint Film Samples using the IBRG Panel Based Method (DSP19/004/1.0).

Limitations:

WaterTite[®] is not recommended for potable water tanks, cisterns, bird baths, swimming pools, smooth plaster, or as a primer or finish for floors subject to foot traffic.

WARRANTY by Zinsser[®] UK Ltd

This product will perform as claimed if applied according to the directions. The directions apply to most applications, but may not cover special conditions, applications, techniques and/or surfaces. If you have a question, check with your dealer or contact Zinsser UK. Warranty is limited to replacement or refund value of product actually used in the UK if such product proves defective within three years of manufacture. If you wish to make a warranty claim, please contact Zinsser (UK) Ltd. If you are a consumer, this warranty does not affect your statutory rights.