

PRODUCT DATA

Zinsser WATERTITE®

DESCRIPTION

Low-odour, solvent-based, acrylic, waterproofing paint. Two coat system. The first coat primes and seals the surface. The second coat completes the sealing process to ensure protection against water intrusion and mildew growth on the paint film.

MAIN PROPERTIES

Stops up to 2,5 bar water pressure (twice the strength of latex waterproofers) - less odour than latex paint - prevents water-seepage through cement, masonry and concrete block walls and basement floor - prevents the growth of mould & mildew on the paint film - can be applied to wet or dry surfaces - smooth, non-yellowing eggshell finish - interior or exterior application - prevents recurring efflorescence - fast drying - great for alkaline surfaces up to 12.5 pH.

RECOMMENDED USES

For application on interior and exterior concrete, stucco, cement, cinder block and other masonry surfaces. Product is ideal for interior basement walls and for sealing concrete basement slabs prior to installing flooring (not recommended for foot traffic). Can also be applied on exterior foundations and retaining walls, above and below grade.

TECHNICAL DATA

Appearance:	Eggshell
Colour:	Bright white
Density:	1.47 g/cm ³
Viscositeit:	105 - 110 KU
Solids Content:	In volume: 48%
	In weight: 74%
Recommended film thickness:	Wet film: 400 - 500 micron per coat
	Dry film: 220 - 260 micron per coat
Flashpoint:	41°C
VOC-content:	370 g/l max.
Ready-for-use mixture:	370 g/l max.
Category:	A/i
EU Limit values:	600 g/l (2007) / 500 g/l (2010)

Drying times	20°C/50% r.h.
To touch:	1 hour
To recoat:	4 hours
Full hardness:	7 - 14 days

Coverage

Theoretical:	1.8 - 2,5 m ² /l
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

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 hydrochloric acid or concrete etching compound. Follow manufacturer's directions and safety precautions. Rinse the surface thoroughly with water after application.

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Remove all existing mold and mildew. Use a solution of 1 teacup household bleach per litre 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.

Previously painted surfaces: WATERTITE is guaranteed to produce a waterproof finish when applied to bare masonry. It can be used over previously painted, non-glossy 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. Exterior surfaces should be cleaned by using high pressure (steam) cleaning or grit blasting to remove all loose and scaling paint and cement. Clean all surfaces with a solution of hydrochloric acid wash and rinse the surface thoroughly with water. 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 hydraulic cement. Seal the joint where the floor and wall meet with hydraulic cement. Follow manufacturer's directions for dry time, etc.

DIRECTION FOR USE

Stir thoroughly before and during application.

APPLICATION & THINNING

Walls can be wet, but must be free of active water leaks. Do not dilute the product. 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 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.

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.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material 10°C or higher.

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.

REMARKS

- 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.
- Do not apply if heavy rain is expected within 24 hours.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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