



ZINSSER® WATERTITE® GENERAL PURPOSE WATERPROOFING PAINT

DESCRIPTION AND USES

Zinsser® WaterTite General Purpose Waterproofing Paint is a low odor, water-based paint designed to form a waterproof barrier on interior or exterior, concrete block (not lightweight block) and cast-in-place concrete. WaterTite General Purpose Waterproofing Paint can be used to stop water pressures up to 10 PSI from entering or exiting a concrete surface. It is a good option for waterproofing basements, cellars or other areas that may become damp or wet. It is not recommended for use in swimming pools or use in contact with potable water.

PRODUCTS

SKU	DESCRIPTION
369381	1 Gallon
369382	5 Gallon Pail

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces must be clean, dry, and sound. New concrete must cure for at least 7 days prior to coating. Surfaces must be free of dirt, efflorescence, mold, algae, sandy mortar or any material that could compromise the coating adhesion. To test for the presence of form sealers or release agents, splash water onto the surface. If the surface turns dark, WaterTite General Purpose Waterproofing Paint can be applied. If the water beads up or does not turn dark, the surface must be chemically or mechanically cleaned and retest before proceeding. Remove efflorescence with WaterTite Etch or equivalent product. Rinse the surface thoroughly. Read the manufacturer's directions when using etch. Wear chemical splash goggles and a NIOSH approved respirator and gloves while handling etching solutions.

Cast concrete, concrete block and mortar joints must be hard and firm-not loose, sandy or soft. Scrape the surface with a flat screwdriver to test for soundness. If soft or sandy, contact a professional contractor before proceeding. Use mechanical means (hand or power tools) to open holes (bug-holes) caused by air bubbles in cast-in-place concrete to allow coating to fully penetrate. Replace missing mortar, fill non-dynamic cracks and bug-holes deeper than 1/8" with WaterTite Hydraulic Cement or equivalent product. Fill dynamic cracks and expansion joints with WaterTite Polyurethane Sealant. WaterTite General Purpose Waterproofing Paint can be applied over previously painted surfaces. However, waterproofing ability is dependent upon the integrity and moisture resistance of the previous coating.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-Approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

APPLICATION

Stir or mechanically mix thoroughly before and during application. DO NOT THIN. Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the relative humidity is or less than 85%. Apply two coats of WaterTite General Purpose Waterproofing Paint to form a continuous, pin-hole free coating. A third coat may be necessary depending on the porosity of the block. Apply using a high quality synthetic bristle brush or 3/4" nap roller. If rolled, back brush to first coat to work the coating into the concrete pores. It is more important to work the first coat into the surface than for it to hide the substrate. WaterTite General Purpose Waterproofing Paint can be applied with an airless sprayer (tip size 515 or 517). After spraying, back roll to ensure uniform coverage.

COLOR/TINTING

WaterTite General Purpose Waterproofing Paint produces a smooth, flat finish that can be tinted with up to 2 ounces of universal colorant. Tinting may affect the hydrostatic water pressure resistance. WaterTite General Purpose Waterproofing Paint can be topcoated with latex, oil-base or epoxy coatings.

DRY & RECOAT

Dry and recoat times are based on 70°F and 50% relative humidity. Lower temperatures and higher humidity will increase dry time. WaterTite General Purpose Waterproofing Paint will dry to the touch in 2 hours. Allow the first coat to dry a minimum of 2 hours before applying the second coat. Apply the second coat only after the first coat has completely dried. After the second coat has dried, inspect the surface for pinholes. Reapply additional paint to those areas as necessary. Full cure will be reached in 7 days (slightly longer if tinted). Protect from rain for 8 hours after application.

CLEAN-UP

Clean hands and tools with soapy water. Drips and runs should be removed immediately. Once dry, drips and runs can be removed by sanding.

LIMITATIONS

WaterTite General Purpose Waterproofing Paint is not an elastomeric and will not expand and contract with movement in the substrate. It will not provide protection against moisture, penetration through cracks in mortar, expansion joints or junctures between dissimilar materials. WaterTite General Purpose Waterproofing Paint will not penetrate and fill inaccessible surfaces, un-opened bug-holes or raked mortar joints. Do not use on glazed or non-porous surfaces.

	TECHNICAL DATA	WRT-18
	ZINSSER® WATERTITE® GENERAL PURPOSE WATERPROOFING PAINT	

PHYSICAL PROPERTIES

		GENERAL PURPOSE WATERPROOFING PAINT
Resin Type		Styrene-Acrylic Copolymer
Pigment Type		Titanium Dioxide
Solvents		Glycol Ethers, Water
Weight	Per Gallon	11.7 lbs.
	Per Liter	1.40 kg
Solids	By Weight	62.8%
	By Volume	47.8%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		2.5-3.0 mils (62.5-75μ) Two coats required
Wet Film to Achieve DFT (Unthinned material)		5-6 mils per coat (125-150 μ)
Practical Coverage at Recommended DFT (assume 15% material loss)		250 sq. ft./gal. (Concrete - Smooth) 200 sq. ft./gal. (Concrete – Rough) 200 sq. ft./gal. (CMU – Smooth) 200 sq. ft./gal. (CMU – Rough/Split) 250 sq. ft./gal. (Previously Coated) Coverage may change depending on porosity and application method.
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	2 hours
	Handle	4 hours
	Recoat	2-3 hours
	Full Cure	7 days
Shelf Life		2 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see SDS

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