



## WATERTITE FLEXIBLE PRIMER & FINISH and DEEP TINT BASE

### DESCRIPTION AND USES

Zinsser® WaterTite Flexible Primer & Finish and Deep Tint Base are high build, moisture and mildew resistant, low VOC coatings designed with elastomeric qualities to expand and contract to fill hairline cracks (2mm or 1/16" or less) in vertical concrete and masonry surfaces. These products are suitable for stucco, brick, tilt-up walls, pre-cast or poured-in-place concrete as well as CMU and cement block. Flexible Primer & Finish and Deep Tint Base provide excellent resistance to high alkali surfaces (pH levels up to 13.8). These coatings can be applied to new properly cast concrete and stucco within 72 hours. They block efflorescence (salt build-up) from passing through the topcoat and will not degrade when applied to concrete surfaces with a pH of 13.8.

Durable and weather resistant, WaterTite Flexible Primer & Finish and Deep Tint Base pass the ASTM D6904-03 Standard Practice for Resistance to Wind Driven Rain for Exterior Coatings Applied on Masonry. Based on ASTM 1737-85 & D522 Method of Test for Elongation Testing, Flexible Primer & Finish and Deep Tint Base can stretch up to 160% and do not yellow or chalk. Additionally, based on ASTM 1653 Method of Water Permeability, Flexible Primer & Finish and Deep Tint Base has a perm rating of 15.5. Both products can be used as a primer or primer and topcoat. If used as a primer, it is recommended to topcoat with a high quality oil or latex-base topcoat or finish.

MPI #3, #4, #10, #40 Certified\*

### PRODUCTS

SKU	Container Size
283570	3.55 L (Tint Base)
283572	17.7 L (Tint Base)
283569	3.55 L (Deep Tint Base)
283571	17.7 L (Deep Tint Base)

### FEATURES

- Designed with elastomeric qualities
- Protects from wind driven rain
- Mildew resistant finish
- Withstands high pH up to 13.8
- Blocks efflorescence, does not chalk or yellow
- Tintable
- Low VOC

\* Refer to the MPI website for the most current listing of MPI certified products.

### PRODUCT APPLICATION

#### SURFACE PREPARATION

Surfaces must be clean, dry, and sound. New concrete must cure for at least 3 days prior to coating. Surfaces must be free of dirt, efflorescence, mold, algae, sandy mortar, release agents or any material that could compromise the coating adhesion. Splash water on the surface to test for the presence of sealers or release agents. If the surface turns dark, WaterTite Flexible Primer & Finish and Deep Tint Base 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. Wash, vacuum, scrape, wire brush, power wash or mechanically abrade to clean the surface.

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 and fill non-dynamic cracks and bug-holes deeper than 2mm (1/16") with WaterTite Hydraulic Cement or equivalent product. WaterTite Hydraulic Cement must be fully dry before painting can begin. Follow the manufacturer's recommended dry time guidelines. Flexible Primer & Finish and Deep Tint Base can be applied over previously painted surfaces. However, waterproofing ability is dependent upon the integrity and moisture resistance of the previous coating.



## TECHNICAL DATA

# WATERTITE FLEXIBLE PRIMER & FINISH and DEEP TINT BASE

### PRODUCT APPLICATION

#### APPLICATION (cont.)

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%. To form a continuous, pinhole free coating, apply evenly and thoroughly. To use as a primer apply one coat. Apply two coats to use as a primer and finish. Apply using a high quality synthetic 3 to 4 inch brush, a ¾" nap roller. If rolled, back brush the 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. Product should be applied at a WFT of 10-12 mils (5-6 mils dry). Use a wet film gauge to measure properly. Depending upon the porosity of the substrate, apply the first coat at a rate of 100-135 square feet per gallon. Apply the second coat at a rate to complete the project. Flexible Primer & Finish and Deep Tint Base can be applied with an airless sprayer (tip size 0.017-0.021 with 2400-2900 psi). After spraying, back roll to ensure uniform coverage.

#### COLOUR/TINTING

Flexible Primer & Finish can be tinted with up to (4 ounces) of universal colorant per gallon. Deep Tint Base can be tinted with up to (8 ounces) of universal colorant per 3.61 L (gallon). Both products produce a smooth, flat finish. Products must be tinted before use.

#### DRY & RECOAT

Dry and recoat times are based on 21°C (70°F) and 50% relative humidity. Lower temperatures and higher humidity will increase dry time. Flexible Primer & Finish and Deep Tint Base will dry to the touch in 4 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. Full cure will be reached in 7 days (slightly longer if tinted). If used outside, 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 or stripping.

#### LIMITATIONS

Flexible Primer & Finish and Deep Tint Base do not hold back hydrostatic water pressure. They are NOT recommended for use in swimming pools or use in contact with potable water. They are NOT recommended for use on horizontal surfaces (i.e. subfloors). Do not use on glazed or non-porous surfaces.

**CAUTION:** Use only in a well ventilated area. Do not breathe vapours. May irritate eyes and skin. Do not get in eyes, on skin or clothing. **KEEP OUT OF REACH OF CHILDREN.** **FIRST AID TREATMENT:** If breathed in, move person to fresh air. If swallowed call Poison Control Centre or doctor immediately. Do not induce vomiting. If on skin, rinse well with water.

**10 Year Durability Guarantee – Limited Warranty –** WATERTITE Flexible Primer & Finish and Deep Tint Base are guaranteed for ten years from the date of purchase to provide protection from exterior moisture when applied according to label directions. A minimum quantity of paint must be applied in two coats to qualify, except when leaks are due to settlement cracks or surface deterioration.

Warranty does not apply for applications over previously painted surfaces. The dried paint film is guaranteed for 10 years to resist fading, peeling and blistering. These products are guaranteed to be free of defects for 2 years from date of manufacture. Warranty is limited to replacement or refund value of product actually used when supported by proof of purchase. Directions are as complete as possible but cannot encompass conditions, applications and/or surfaces beyond our control. If you have a question, check with your dealer or call Rust-Oleum Consumer Brands Canada. No other warranty or guarantee is expressed or implied.



## TECHNICAL DATA

### WATERTITE FLEXIBLE PRIMER & FINISH and DEEP TINT BASE

#### PHYSICAL PROPERTIES

		FLEXIBLE PRIMER & FINISH	DEEP TINT BASE
Resin Type		Acrylic Latex	Acrylic Latex
Pigment Type		Titanium Dioxide, Aluminum Silicate	Titanium Dioxide, Aluminum Silicate
Solvents		Glycol Ethers, Texanol, Water	Glycol Ethers, Texanol, Water
Weight	Per Gallon	12.7 lbs.	12.1 lbs.
	Per Liter	1.52 kg	1.45 kg
Solids	By Weight	67.8%	64.9%
	By Volume	51.1%	49.0%
Volatile Organic Compounds		<50 g/l (0.42 lbs./gal.)	<50 g/l (0.42 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		5.0-6.0 mils (125-150 $\mu$ ) per coat	5.0-6.0 mils (125-150 $\mu$ ) per coat
Wet Film to Achieve DFT (Unthinned material)		10.0-12.0 mils (250-300 $\mu$ ) per coat	10.0-12.0 mils (250-300 $\mu$ ) per coat
Theoretical Coverage at 1 mil DFT (25 $\mu$ )		20.2 m <sup>2</sup> /l (820 sq.ft./gal.)	19.4 m <sup>2</sup> /l (787 sq.ft./gal.)
Practical Coverage at Recommended DFT (assume 15% material loss)		2.46-3.32 m <sup>2</sup> /l (100-135 sq.ft./gal.) Coverage may change depending on porosity and application method.	2.46-3.32 m <sup>2</sup> /l (100-135 sq.ft./gal.) Coverage may change depending on porosity and application method
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	4 hours	4 hours
	Handle	8 hours	8 hours
	Recoat	2 hours	2 hours
	Full Cure	7 days	7 days
Shelf Life		2 years	2 years
Flash Point		>93°C (200°F)	>93°C (200°F)
Safety Information		For additional information, see MSDS	

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