SHEILDZ® UNIVERSAL PLUS MOLD & MILDEW-PROOF COMMERCIAL WALLCOVERING PRIMER

DESCRIPTION AND USES

Zinsser® ShieldZ® Universal Plus Mold & Mildew-Proof Commercial Wallcovering Primer is a high performance primer developed for demanding commercial wallcovering applications where mold and mildew is a concern. ShieldZ® Plus prevents mold & mildew growth on primer film and moisture condensation behind the wallcovering, making it ideal for use in challenging humid environments. ShieldZ® Plus provides excellent protection to drywall against damage when stripping.

PERFORMANCE CHARACTERISTICS

ÅFor use on ALL surfaces with ALL wallcoverings

ÅPrevents mold & mildew growth on primer and inhibits musty odors

ÅStops mildew stains, loose seams and buckling wallcovering

ÅProvides water-resistant surfaces for double-cutting

ÅHigh hiding

ÅPrevents drywall damage when stripping

Designed for use for preparing existing, remodeled or new construction surfaces for wallcovering installations, for use over previously painted or wallpapered surfaces, and on any surface where mold and mildew growth under the wallcovering is a concern and on any drywall surface where permeability is unknown. Use for hanging most types and weights of commercial wallcoverings from lightweight to heavyweight vinyl (woven fabric or paper-backed up to 40 oz. commercial grades types I, II, and III to delicate and special coverings such as silk, suede, grasscloth, string, fabric, and foil.

PRODUCTS

03201	1 GALLON
03200	5 GALLON

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces should be clean, dry, sound and free of dust, grease, wax, oil, old wallcovering adhesive, mold and mildew and other residue. Inspect the surface for paint bonding, loose wallcoverings, damaged wallboard or plaster. Remove old or loose wallcovering and residual wallcovering adhesive with DIF® Wallpaper Stripper. Repair unsound surfaces. Seal loose paint or damaged drywall and fully cured skim coats with Gardz® High Performance Sealer as needed.

PRODUCT APPLICATION (cont.)

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.

MOLD & MILDEW

Eliminate pre-existing mold and mildew by washing the affected area with Perma-Wash® Disinfectant and Fungicide Interior Concentrate according to the label directions. To remove stains, clean with Jomax® Mold & Mildew Stain Remover or a solution of ¾ cup of bleach to 1 gallon of water. Wear protection to prevent skin and eye contact. Quickly wash off any solution that comes in contact with your skin. Do not add ammonia or other cleaning agents to the bleach solution. Rinse surface with clean water. Allow surface to dry thoroughly before applying wallcovering.

STAINS

Spot Prime any residual stains that might bleed into the wallcovering with B-I-N® Primer Sealer or Cover Stain® prior to full surface priming with Shieldz® Universal PLUS.

MIXING

Mix thoroughly to ensure any settled pigment is re-dispersed. DO NOT THIN.

APPLICATION

Apply only when air, material, and surface temperatures are between 50-100ºF (10-38ºC) and the relative humidity is or less than 85%. Apply with a brush, roller, or airless sprayer with a 0.017 tip at 2,000-2,500 psi for optimum spread rate. Cut in entire surface using a brush at the corners, edges, and openings. Check the surface for pinholes after second coat and touch-up the pinholes or holidays with a brush. When double cutting, wait 8 hours before hanging wallcovering and second coat. Close container tightly after each use.

PRODUCT APPLICATION (cont.)

Color/Tinting

ShieldZ® Universal Plus may be tinted to match most medium background colors. Use a maximum of 4 oz. of universal tinting color per gallon. If applying two coats, add tint to only the final coat. When adding tint, allow the primer to cure for 12 hours before hanging wallcovering.

New Drywall

New drywall must be wiped down with a damp cloth to remove residual joint compound dust prior to priming.

Damaged Drywall

Removing previous wallcoverings can tear or cause delamination of the drywall facing paper from its backing. Delaminated areas will appear as bubbles when new primers are applied and must be cut open and removed along with other loose flaps of facing paper. Prime damaged areas with Gardz® High Performance Sealer. Skim coat irregularities with drywall mud, and re-coat sanded, fully cured skim coats with Gardz® to reduce or prevent possible out-gassing before priming total area with ShieldZ® Universal Plus.

Paint

Allow freshly applied latex paint to cure at least 14 days before priming and installing wallcovering.

Plaster

New plaster must age at least 90 days before application of ShieldZ® Universal Plus.

Glossy Surfaces

Glossy paint, paneling, existing wallcovering, metal, glass, plastic, etc. should be primed with ShieldZ® Universal Plus prior to wallcovering installation..

Metal Surfaces

Prime with rust-inhibitive Bulls-Eye 1-2-3® Primer.

Existing Vinyl Wallcovering

Tightly adhered existing vinyl wallcovering can be primed with ShieldZ® Universal Plus after thoroughly cleaning the entire surface with mineral spirits to remove plasticizers and residue. Wash the entire surface with detergent and water and rinse with clean water. Some plasticizers may prevent primer adhesion. Check primer adhesion before proceeding with the entire project. Porous or uncoated wallcoverings and wallpapers containing metallic inks should be either removed or sealed with B-I-N® Primer Sealer before applying ShieldZ® Universal Plus.

PRODUCT APPLICATION (cont.)

Wallcovering Removal

Wait 30 days or longer for primer and wallcovering adhesive to fully cure before removing vinyl wallcovering.

CLEAN-UP

Clean up all tools and spots immediately with warm water.

TECHNICAL DATA

SHEILDZ® UNIVERSAL PLUS MOLD & MILDEW-PROOF COMMERCIAL WALLCOVERING PRIMER

PHYSICAL PROPERTIES

Resin Type		Water-based Acrylic
Pigment Type		Titanium dioxide
Solvents		Glycol Ethers, Water
Weight	**Per Gallon**	10.2 lbs.
	Per Liter	1.22 kg
Solids	**By Weight**	47.0%
	By Volume	35.0%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.0 mils (37.5-50µ) Two coats required
Wet Film to Achieve DFT (unthinned material)		4.0-6.0 mils (100-150µ) per coat
Theoretical Coverage at 1 mil DFT (25µ)		561 sq.ft./gal. (13.8 m^2/l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		350 sq.ft./gal. (8.6 m^2/l) Coverage may change depending on porosity and application method.
Dry Times at 70-80°F (21-27°C) and 50% rel. hum.	**Touch**	1 hour
	Recoat	2 hours per coat 8 hours after second coat if double-cutting
Shelf Life		2 years
Safety Information	**Flash Point**	>200ºF (93ºC)
		For additional information, see MSDS

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Form: CS1855
Rev.: 121112