



STA-KIL WB

Interior/Exterior Acrylic Stain Blocking Primer

184

STA-KIL WB No. 184 is an interior/exterior acrylic stain blocking primer designed for multi-purpose primer, providing both exceptional adhesion and stain blocking over water, smoke, ink, graffiti and wood tannin stains. It can be recoated in 1 hour and applied in temperatures down to 35° F. STA-KIL WB has exceptional adhesion to glossy surfaces like Formica, tile, glass and aged alkyds. Also recommended for use on wood, wallboard, cement composition board and masonry substrates such as cement, plaster, brick and stucco.

USED FOR	FEATURES
<ul style="list-style-type: none"> • Wood • Tile • Hardie Board siding • Aged Alkyd • Concrete, masonry, stucco • Woodwork • Drywall, plaster • Galvanized metal 	<ul style="list-style-type: none"> • 100% Acrylic • Fast drying • Interior & Exterior • Easy to apply, low odor • Easy soap & water clean-up • Exceptional adhesion to a wide variety of surfaces.

RECOMMENDED SYSTEMS

STA-Kil WB Acrylic Primer No. 184 functions as a primer over bare wood*, plaster, drywall, masonry, and oil and latex paint surfaces.

TYPICAL FINISHES OVER STA-KIL WB Acrylic Primer No. 184 are:

EGGSHELL				
INTERIOR:	FLAT	/SATIN	SEMI-GLOSS	GLOSS
Latex	689, 939	999, 389, 1119, 2809, 6079	109, 919, 1139, 6089	909, 2909
Alkyd		129, 379	149, 439	2749, 4139
WB Epoxy			9549S	9371, 9549G
EXTERIOR:	FLAT	SATIN	SEMI-GLOSS	GLOSS
Acrylic	519, 719, 929	739, 2809, 3729	619, 919, 6029	909, 2909
Low Temperature Acrylic :	579	599		
Alkyd	(Not recommended)		533	2749, 4139

*NOTE: Tannin containing woods such as cedar and redwood may require extended drying times and two coat application for maximum stain blocking. If single coat priming is desired, use appropriate Porter oil-based primer.

LIMITATIONS

Avoid application in direct sunlight or when air or surface temperature is above 110°F (43°C). Do not apply when temperatures are below 35°F (10°C), or will fall below within 24 hours. Surface temperature must be at least 5°F above dew point. Do not apply exterior in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 150°F. Do not use on floors or on deck walking surfaces. **Protect from freezing.**

TECHNICAL DATA

Product Type:	Acrylic
Base/Color:	184 White (tintable)
Sheen:	Flat
Percent Solids:	
Weight:	51.8 ± 2%
Volume:	37.6 ± 2%
PVC:	32 ± 2%
Weight/Gallon:	10.7 lb
Viscosity (Initial):	85 - 95 Krebs Units
Thinner:	
Brush/Roller:	If necessary, thin sparingly with clean water up to ½ pint per gallon.
Spray:	Thin with clean water up to ½ pint per gallon.
Clean-up:	Warm, soapy water.
Recommended Film Thickness:	
Wet:	4.0 mils
Dry:	1.5 mils
Spread Rate (Theoretical):	
Smooth Surfaces:	Up to 400 sq. ft./gal.
Rough Surfaces:	200-300 sq. ft./gal.
Dry time (70°F @ 50% R.H.):	
To Touch:	30 minutes
To Recoat:	1 hour
<i>(Expect longer dry times at lower temperatures and higher relative humidity.)</i>	
Flash Point:	>200°F (>93°C)
Flame Spread Rating:	Class A (0-25)
<i>(See Porter Technical Bulletin No. 9: Flame Spread Rating.)</i>	
Federal Specification Crossover:	TT-P-001984
<i>(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)</i>	

Note: This product is not formulated with lead or mercury containing materials.

REGULATORY DATA

VOC (theoretical):	As supplied (untinted): 0.80 lb/gal (96 g/l)
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SURFACE PREPARATION

Paint only clean, dry (may be damp, but not dripping), deglossed and profiled surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes).

NEW WOOD: Repair construction defects and sand as necessary. Spot prime knots and sap streaks with STA-KIL™ Primer/Sealer No. 164 or shellac. Fill openings and nail holes with TOP GUN™ 200 Siliconized Acrylic Caulk No. 1414, or other suitable sealant. (NOTE: Best performance is achieved by spot priming nail heads with an appropriate primer before applying filler.) When sealant or other filler is well set, usually 1-4 hours for TOP GUN, prime with STA-KIL WB Primer No. 184.

NEW CONCRETE/MASONRY/STUCCO: Let new concrete, masonry and stucco cure 28 days before painting. (NOTE: Polymer modified thin coat stucco can usually be painted within 7-14 days depending upon drying conditions. Follow stucco manufacturer's instructions.) Remove any remaining deeply embedded contaminants such as curing compounds by abrasive blasting. Remove efflorescence by pressure washing or with a dilute muriatic acid solution following manufacturer's instructions. (CAUTION: When mixing and using, always add acid to water, and wear appropriate eye and skin protection.) Fill cracks and holes with Bondex Concrete Patch or other appropriate filler. For unpainted concrete block (CMU), apply an appropriate Porter block filler (SEE RECOMMENDED SYSTEMS) before painting.

REPAINT: Remove loose and failing paint by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches.

PLASTER: For best performance, new plaster should cure 28 days, and moisture content should be below 12% before painting. NOTE: Test plaster for solvent absorption (with paint thinner or mineral spirits) prior to painting (paint will not adhere if thinner does not wet out the surface and absorb into the plaster). If necessary, sand or acid etch with Metalprep 79 diluted 5 parts water to 1 Metalprep 79. Retest for thinner penetration before painting.

GLASS, TILE, FORMICA: Clean thoroughly with Porterprep 571 diluted at a 10 parts water to part 571 ratio. Rinse with clean water. Apply STA-Kil WB Primer. For best results on formica, sand surface dull after cleaning.

INSTRUCTIONS FOR USE

Tinting: Tint with Porter DESIGN SPECTRUM® Colorants per label directions up to 12 ounces of colorant. **Note: For maximum stain blocking and adhesion to glass, tile and formica, tint up to 4 ounces per gallon. Large amounts of colorant may drying time.**

Mixing: Stir or shake thoroughly before application.

Thinning: Thin sparingly with clean water as necessary for proper application. Do not exceed ½ pint per gallon.

Clean-up: Clean tools and spray equipment with warm, soapy water immediately after use.

Application:

Conditions:	Temperature Range:	50°F to 110°F (air, surface, paint) (Optimum paint temperature 65-85°F)
	Dew Point:	Surface temperature must be at least 5°F above the dew point.
	Relative Humidity:	Maximum 85%
Equipment:	Brushes:	Use nylon or polyester brushes.
	Rollers:	Use 3/8" to 3/4" synthetic roller covers.
	Airless Spray:	Minimum 28:1 Ratio Pump; .015"-.018" tip; 1800-2400 psi; 1/4" High Pressure material hose.
Directions:	New Work:	Apply one or two coats of STA-KIL WB Acrylic Stain Blocking Primer No. 184 as required. Finish with one or more coats of the selected Porter finish.
	Repaint:	Spot prime bare areas with one or two coats of STA-KIL Acrylic Stain blocking Primer No. 184 as required, then apply one or more coats of the selected Porter finish.

PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 6 Quarts per Carton, 4 Gallons per carton; 5-Gallon Pail

Shipping Weights: 3.0 lb/qt (18.5 lb/carton); 10.4 lb/gal (42.8 lb/carton); 51.1 lb/5-gal



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