



PPG Architectural Coatings

STA-KIL™ Whole House Primer

GENERAL DESCRIPTION

STA-KIL Whole House Primer No. PP194 is an excellent, fast drying alkyd primer for use on interior and exterior applications on wood, masonry, plaster, hardboard, drywall, duct work and over previously painted or stained surfaces. STA-KIL Whole House Primer has outstanding adhesion to even hard to coat surfaces such as interior tile and aged alkyds. Ideal for sealing most stains such as water, smoke, crayon, ink, lipstick, grease stains, etc. May be used under alkyd, oil, or latex finish paints. This product meets the 450 g/l maximum VOC limit for quick drying primers, sealers, and undercoaters.

RECOMMENDED USES

- Wood
- Drywall
- Cured Masonry
- Cured Plaster
- Hardboard
- Metal

FEATURES / BENEFITS

- Fast dry alkyd formulation Recoat the same day
 - Excellent adhesion to multiple surfaces Versatile
 - Excellent sealer Topcoats have uniform sheen
 - Resists tannin bleed Prevents Topcoat discoloration
 - Blister resistant Prevents peeling
 - Mildew resistant*
- *This paint contains agents which inhibit the growth of mildew on the surface of this paint.

RECOMMENDED SYSTEMS

STA-KIL Whole House Primer No. PP194 functions as a primer over new or old bare wood, and old, weathered oil and latex paint surfaces. TYPICAL FINISHES OVER STA-KIL Whole House Primer No. PP194 are:

| | FLAT | EGGSHELL /SATIN | SEMI-GLOSS | GLOSS |
|---------------------------------|-------------------|-----------------|----------------|---------------------------|
| EXTERIOR | | | | |
| Acrylic: | PP519 | PP739 | PP649 PP919 | PP619 |
| | PP929 | PP3729 | PP6029 | |
| Low Temperature Acrylic: | PP579 | PP599 | | |
| Alkyd: | (Not recommended) | | | PP533 PP2749 PP4139 |

TINTING AND BASE INFORMATION

Tint with Porter DESIGN SPECTRUM® Colorants up to 12 oz. per gallon, 16 oz. for XD base, per label directions. Large amounts of colorants may extend dry time. For best adhesion to glass or tile, tint up to 4 oz. per gallon.

- PP194 White (tintable)
- PP193 XD Base

PRODUCT DATA

Product Type: Alkyd
Sheen: Flat
VOC (based on white): 2.90 lb/gal (347 g/l)
Percent Solids:
Weight: 77.6 ± 2%
Volume: 56.4 ± 2%

Weight/Gallon: 10.7 lb
Viscosity (Initial): 90 - 105 Krebs Units
Thinner: No thinning is necessary under normal environmental and applications conditions. If necessary, and local VOC regulations allow, thin with a small amount of Porter Paint Thinner No. 5132 or Porter T-2 Spraying Thinner No. 5131.

Clean-up: Porter Paint Thinner No. 5132

Recommended Film Thickness:

Wet: 3.6 mils
Dry: 1.8 mils

Spread Rate (Theoretical): Up to 500 sq. ft./gal.

Dry time (70°F @ 50% R.H.):

To Touch: 30 minutes
To Recoat: 2 hours

(Drying times listed may vary depending on temperature, humidity, color, and air movement.)

Flash Point: 110°F (43°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TT-P-25; MIL-P-28582

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

LIMITATIONS OF USE

Overspreading product will reduce stain blocking ability. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Avoid application in direct sunlight. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 6 hours. Surface temperature must be at least 5°F above dew point. Do not use on floors or on deck walking surfaces.

GENERAL SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with Dirtex or TSP and water, Porter Paint Thinner No. 5132 or other appropriate cleaners. Remove mildew by washing with a commercial mildew remover such as PPG Mildewcheck 18-1 or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes).

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

NEW WOOD: Repair construction defects and sand as necessary. Fill openings and nail holes with TOP GUN™ 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 and paint. Apply one or two coats of STA-KIL Whole House Primer as necessary to seal bleeding stains. Then apply one or two finish coats as desired.

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.

MASONRY: Let new masonry cure at least 28 days before painting. 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.

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.

Metal: Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. PP571, Dirtex, Porter Paint Thinner No. 5132 or other appropriate cleaners per SSPC-SP 1 cleaning procedures. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3) or Commercial Blast Cleaning (SSPC-SP 6). For mild service, treat rust with Metalprep® 79 (also clean other metals with Metalprep 79 prior to painting, or as a pre-cleaner prior to other chemical treatment). Treat aluminum with Alumiprep® 33.

DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Permissible temperatures during application:

Temperature Range: 35°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%

New Work: Apply one or two coats of STA-KIL Whole House Primer No. PP194 as required. Finish with one or more coats of the selected Porter finish (see RECOMMENDED SYSTEMS).

Repaint: Spot prime bare areas with one or two coats of STA-KIL Whole House Primer No. PP194 as required, then apply one or more coats of the selected Porter finish.

APPLICATION INFORMATION

Application Equipment: Apply with a high quality brush, roller, or by spray equipment.

Airless Spray: Minimum 1 gallon per minute pump; .015"-.019" tip; 1800-2400 psi; 1/4" high pressure material hose.

Conventional Spray: DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Use nylon or polyester brushes.

Roller: Use 3/8" to 3/4" synthetic roller covers.

Thinning: No thinning is necessary under normal environmental and applications conditions. If necessary, and local VOC regulations allow, thin with a small amount of Porter Paint Thinner No. 5132 or Porter T-2 Spraying Thinner No. 5131.

Clean-up: Clean tools and spray equipment with Porter Paint Thinner No. 5132 immediately after use.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

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

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



PPG/Porter Paints
400 South 13th Street
Louisville, KY 40203
www.porterpaints.com

Technical Services
1-800-332-6270

Architect/Specifier:
1-888-PPG-IDEA

PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
www.ppg.com



No. PP194 series
(Rev 10/06)