



# ALKALI RESISTANT PRIMER

# 1840

## Exterior Latex Primer PRODUCT DATA

HMIS CODE:	
HEALTH: 1	FLAMMABILITY: 0
REACTIVITY: 0	PERSONAL PROTECTION: B

**AVAILABLE IN:****BASES:** 1840**COLORS:** 1840**RECOMMENDED PRIMERS:**

WOOD: Self priming  
450 First Kote  
2333 Flex Prime

PLASTER, WALLBOARD/CONCRETE: Self priming

**DESCRIPTION:** PARKER PAINT's Alkali Resistant Primer is a latex coating designed for above grade properly prepared concrete and masonry surfaces that require an alkali resistant primer. PARKER PAINT's Alkali Resistant Primer can be finished with a solvent or latex coating.

**NOT RECOMMENDED FOR:** Bare metal, or on floors, decks, porches, plastics, vinyl or on a cold surface (below 50°F).

**SURFACE PREPARATION:** Before applying, read and follow all directions and cautions on container label.

All old and new surfaces to be coated must be clean and dry, free of oil, grease, dirt, dust, sawdust, releasing agents, laitance, efflorescence or any other contaminants that can affect a paint coating.

This can be achieved by wire brushing, scraping, sanding, pressure washing, acid etching, grit blasting or using any other allowable means for removing surface contamination.

The preparation for poured in place, tilt up and other concrete or masonry surfaces that have a dense, smooth appearance, patches, bond breakers or curing agents, must be abrasive-grit blasted to a minimum of 1.5 mils. After the grit blasting, the whole surface area should be pressure washed to remove all loose grit, dust and foreign particles left from the grit blasting.

All new concrete and masonry substrates must have a minimum of 28 days in good weather (50° F or more) for drying and curing. In wet and/or colder weather the curing and drying of the substrate will take longer. No painting should be done until the substrate has no greater than a 30 reading on the wood Ref. Scale, 30 on the plaster/concrete Ref. Scale as determined by a Delmhorst BD-7 or approved equal moisture meter, with probes 1/4" below the surface, in accordance with manufacturer's instructions. Some coatings may require a moisture content reading well below this amount.

The pH or alkalinity of the substrate should be between 7.0 and 8.0 for normal painting procedures. If the pH is higher than 8.0, it is very marginal for painting with any type of coating.

For further information, see PPL Bulletin 300.

All small cracks and voids up to 1/32" and no greater should be filled by brushing 1840 into them. Cracks, voids or imperfections larger than 1/32" should be filled using a paintable elastomeric patch or caulking compound. For special surface preparation and painting procedures, ask a PARKER PAINT representative for additional instructions.

**APPLICATION:**

Mix paint thoroughly before using.

**RECOMMENDED DRY FILM THICKNESS**

**PER COAT:** 2.15 - 1.55 mils.

**WET FILM TO ACHIEVE DFT:** 5.1 - 3.7 mils.

(Unthinned Material)

**THEORETICAL COVERAGE**

**AT RECOMMENDED DFT:** 325 - 425 sq. ft. per/gal

Coverage will depend upon the method of application, porosity and texture of the surface.

Do not apply exterior paint coatings during rain, or in damp, foggy or freezing weather. Any one or all of these conditions can affect the drying, appearance and durability of a paint coating. 1840X Alkali Resistant Primer must be applied thick enough to thoroughly coat the substrate being primed. This is to provide the best possible shield. Two coats may be required or necessary on very rough or porous substrates.

**RECOMMENDED APPLICATION****TEMPERATURES AND HUMIDITY:**

50 - 90° F (10 - 32° C) 50% RH

**DRYING TIMES:** TACK FREE: 1 hour

@ 77° F (25° C) RECOAT: 2 hours

50 - 55 RH DRYHARD: 12 hours

**NOTE:** See back under Precautionary Information.

Do not apply a paint coating to a hot surface or in the direct sunlight could cause the coating to blister and/or peel.

**EQUIPMENT RECOMMENDATIONS:**

**BRUSH/ROLLER:** Use quality nylon brushes and roller covers with a minimum roller nap of 3/4" on smooth, 1" on rough surfaces.

**AIR ATOMIZED SPRAY:** Not recommended.

**AIRLESS SPRAY:** With tip size of .021 minimum.

**SPRAY:** With tip orifice size of .021 minimum. Back brushing and/or rolling is recommended over rough or porous surfaces after a spray application.

**THINNING:** No thinning is necessary or recommended.

**CLEAN-UP:** Clean all tools and equipment immediately after use with clean, warm, soapy water. Rinse with clean water.

Clean up all drips and/or spatters immediately with a clean rag soaked in warm, soapy water. Rinse with clean, warm water.

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(continued over)

**PRODUCT ANALYSIS: 1840**

<b>PIGMENT:</b>		41%
Titanium Dioxide	38.3%	
Aluminum Silicate	10.2%	
Nepheline Syenite	51.5%	
	100%	

<b>VEHICLE:</b>		59%
Styrenated Acrylic	63.4%	
Propylene Glycol	4.4%	
Water & Additives	32.2%	
	100%	100%

**VEHICLE TYPE:** Styrenated Acrylic**SOLVENT TYPE:** Water**VOC GRMS/L:** 91 g/l 0.76 lbs./gal.**APPEARANCE:** Flat**GLOSS RANGE:** 0 - 6 @ 60°**VISCOSITY:** 88 - 92 KU's  
(@ 77° F [25° C])**% SOLIDS BY WEIGHT:** 59.1% ± 1.5%**% SOLIDS BY VOLUME:** 42.3 ± 1.5%**WEIGHT/GAL:** 11.55 - 12.05 #/gal.**PACKAGING:** FIVE: X ONE: QT:**SHELF LIFE:** N/A**TINTING:** Not recommended.**PRECAUTIONARY INFORMATION:  
CLOSE CONTAINER AFTER EACH USE****KEEP OUT OF REACH OF CHILDREN****DO NOT TAKE INTERNALLY****FLASH POINT:** N/A (Setaflash)**D.O.T. (REQUIREMENTS):** N/A**STORE** in a clean, dry place.**RECOMMENDED STORAGE TEMPERATURES**  
should be between: 40 - 100° F (5° - 38° C)**KEEP FROM FREEZING.****EXTINGUISHING MEDIA:** Water may be used to cool closed containers to prevent pressure build up and explosion when exposed to extreme heat.**NOTE:** Avoid any exterior application of a latex paint coating late in the afternoon, when dew or condensation is likely to form or if rain is threatening. Dry times will vary depending upon substrate and air temperature.

Do not apply 1840 if the surface or air temperature is, or soon will be, below 50° F or above 90° F.

"Surfactant Bleed"; sticky brown spots or runs can occur on a latex surface if exposed to heavy moisture.

The surfactant bleed in no way affects the durability or integrity of the paint film. These water-soluble extractives can be removed by washing the affected areas with a mild solution of household detergent in warm water.

Cedar, redwood, fir plywood and many other wood byproducts contain a soluble extractive which can discolor white or light colored latex and oil base paints. This extractive staining can develop months after the finish is applied. It is recommended that a primer specifically formulated to retard this discoloration be used first. There is no guarantee that one coat of either a latex or oil base primer will prevent EXCESSIVE extractive bleeding.**USE WITH ADEQUATE VENTILATION.** Avoid prolonged or repeated contact with skin and breathing of vapors or spray mist. Coatings should only be applied when ventilation is adequate. If there is not adequate ventilation, applicators should wear respirator protection approved by NIOSH / MSHA (TC-23C or equivalent).

This product has been formulated to resist mildew growth on dried paint film. There are no known methods or chemicals to eliminate the growth of mildew if the conditions are favorable to its growth; therefore Parker Paint Company assumes no responsibility for mildew development.

**MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST**

REVISED: 9/99 (Supersedes 12/96)

**ENVIRONMENTAL CONSIDERATIONS**

Formulated without lead or mercury.