



# GREAT NORTHWEST 100% ACRYLIC EXTERIOR LATEX

# 250

## Exterior Flat Acrylic Latex PRODUCT DATA

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

### AVAILABLE IN:

**BASES:** 250 White  
200 Medium

### COLORS:

**DESCRIPTION:** PARKER PAINT's 250 is an exterior 100% acrylic latex, formulated to produce a durable flat finish with excellent weathering, flexibility and color retention. PARKER PAINT's 250's ease of application and clean up make it an excellent product for the homeowner or painting contractor. PARKER PAINT's 250 can be used on properly prepared new structures or recoating previously painted surfaces, such as smooth and rough wood siding, trim and sash, shakes and shingles, TI-II and 303 type plywood, concrete, masonry and stucco.

**DO NOT USE:** Over bare metal, and particle board. These surfaces need special painting procedures and special primers. Ask any Parker Paint representative for instructions about painting these surfaces.

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

All surfaces to be coated, old and new, must be sound, clean, dry and free of dirt, dust, sawdust, chalk, mildew, oils, efflorescence, blistering or peeling paint, organic matter or any other contamination that can affect the paint film.

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

New wood, concrete and/or masonry type substrates should have a moisture content not exceeding 15%, as determined by a moisture meter. The meter probe must be 1/4 inch below the substrate surface of the concrete and/or masonry. Some coatings may require a moisture content reading well below this amount. New concrete, masonry and stucco must be allowed to dry and cure for a minimum of 30 days, prior to painting.

If high pressure water cleaning is used to remove flaking or peeling paint, or for washing the house or structure, it should be let to dry for one week in good weather before priming and/or painting. The moisture content of the substrate should not exceed 15%, as determined by a moisture meter. Clean and fill all major cracks, voids, nail and staple holes. Repair any moisture problems.

Mold and mildew can be removed by washing with a solution of 6 - 8 ounces of a non-phosphate detergent, 1 quart bleach in 1 gallon hot water. Let set 15 to 20 minutes after applying solution, then rinse thoroughly with fresh water. Shrubbery and plants should be watered down and covered before and after applying solution. Wear protective eye shields and clothing while using this solution. Let substrate dry thoroughly before priming and/or applying finish coating.

Caution should be taken if a flammable product is used for cleaning. For specialized painting and/or cleaning procedures, ask a PARKER PAINT representative for additional instructions.

### RECOMMENDED PRIMERS:

**WOOD:** 450 First Kote  
2333 Flex Prime  
**MASONRY/CONCRETE AND STUCCO:**  
2345 Flex Bind 2333 Flex Prime  
2347 Latex Block Filler  
1840 Alkali Resistant Primer  
**NEW GALVANIZED & ALUMINUM:**  
1821 Galv O Prime  
**METAL:** 1652 Rust Proof Red Alkyd  
1655 White Metal Primer Alkyd  
1679 Overlay Red Primer Alkyd  
**PVC/PLASTIC:** 1640 Overlay White Primer  
2333 Flex Prime  
**PRE-PRIMED METAL:** 1640 Overlay White Primer  
2333 Flex Prime

### APPLICATION:

Mix paint thoroughly before using.

### RECOMMENDED DRY FILM THICKNESS

**PER COAT:** 1.5 mils.  
**WET FILM TO ACHIEVE DFT:** 5.6 mils.

(Unthinned Material)

### THEORETICAL COVERAGE

**AT RECOMMENDED DFT:** 300 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.

250 must be applied thick enough to thoroughly coat the surface. In some cases, a second coat may be required.

Do not apply 250 to a hot surface or in the direct sunlight. One or both could cause the paint coating to blister and/or peel.

Apply a coating of paint only when the air, product and surface temperatures are at or above 40°F (10°C).

### RECOMMENDED APPLICATION

#### TEMPERATURES AND HUMIDITY:

40 - 90° F (4 - 32° C) 50% RH  
**DRYING TIMES:** TACK FREE: 1 hour  
@ 77° F (25° C) RECOAT: 4 - 6 hours  
50 - 55 RH DRYHARD: 24 hours

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

### EQUIPMENT RECOMMENDATIONS:

**BRUSH/ROLLER:** Use premium quality nylon or polyester brushes and roller covers, (1/2" nap minimum recommended). To insure a uniform finish and avoid lap marks, maintain a wet edge and apply with a fully loaded brush or roller cover.

**AIR ATOMIZED SPRAY:** With a suitable nozzle set up.

**AIRLESS SPRAY:** With tip size of .015 to .021.

**THINNING:** No thinning is necessary. If necessary, add no more than 4 fl. oz. clean water per gallon. Do not add any type of oil additive to this product.

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

**PRODUCT ANALYSIS: 250 100% Acrylic Ext. Latex WH.**

<b>PIGMENT:</b>		32%
Titanium Dioxide	36%	
Silicates	3%	
Amorphous Silica	10%	
Nephelin Syenite	15%	
	_____	
		100%

**VEHICLE:** \_\_\_\_\_ 68%

Acrylic Emulsion	27%	
Glycol	3%	
Water & Additives	70%	
	_____	_____
		100%

**VEHICLE TYPE:** Acrylic**SOLVENT TYPE:** Water**VOC GRMS/L:** 140 grams/lite 1.17 lbs./gal.**APPEARANCE:** Flat**GLOSS RANGE:** 2 - 5 @ 60° 2 - 5 @ 85°**VISCOSITY:** 95 - 1 00 KU's  
(@ 77° F [25° C])**% SOLIDS BY WEIGHT:** 41 - 43%**% SOLIDS BY VOLUME:** 25.5 - 27.59%**WEIGHT/GAL:** 10.4- 10.6 lbs./gal.**PACKAGING:** FIVE: X ONE: QT:**SHELF LIFE:** N/A**TINTING:** PARKER PAINT Color Guild Colorants.  
Custom mix colors may not dry to an exact match to the sample chip. Apply the paint to a small test area.

APPLICATION OF A COLOR COULD CONSTITUTE ACCEPTANCE OF THE COLOR.

PARKER PAINT assumes no responsibility expressed or implied for mismatched colors after it has been applied. No refunds on custom mixed colors unless the company is in error.

**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 late in the afternoon, when dew condensation is likely to form, or if rain is threatening. Dry times will vary depending upon substrate and air temperature, air circulation or ventilation. Do not apply 250 if the surface or air temperature is or soon will be below 40°F or above 90°F, or in direct sunlight to a hot surface. Any one or all of these conditions can affect the drying, appearance and durability of a paint coating.**SPECIAL NOTE:** "Surfactant Bleed"; sticky white, brown or clear runs or spots can occur on newly painted surfaces if exposed to moist conditions before surfactants can evaporate from the drying paint film.Cedar, redwood, fir plywood and many other wood by products contain a soluble extractive which can discolor white or light colored latex and oil base coatings. 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. Do not apply a paint coating to a hot surface or in the direct sunlight. One or both could cause the coating to blister and/or peel.

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.

**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).**MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST**

REVISED: 1/99 (Supercedes 12/96)

**ENVIRONMENTAL CONSIDERATIONS**

Formulated without lead or mercury.