



CLIMATE COAT FLAT

0850

Exterior Flat Acrylic Latex Finish

PRODUCT DATA

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

AVAILABLE IN:

BASES: 0850 White Base
0800 Medium Base

COLORS: All white base colors

DESCRIPTION: PARKER PAINT's Climate Coat is an exterior flat 100% acrylic latex finish with excellent adhesion, weathering, flexibility and color retention. Climate Coat is ideally suited for use as a finish on new and for repainting of properly prepared and primed (if needed) smooth and rough wood siding, shakes and shingles, T1-11 and 303 siding, medium density overlay type plywood, trim and sash, concrete, masonry and some precoated metal surfaces.

NOT RECOMMENDED FOR: Direct application to bare wood or metal surfaces. Without the use of an appropriate primer, some factory coated aluminum, metal, plastic and particle board sidings may require special painting procedures. Ask a PARKER PAINT representative for additional instructions about possible coating problems on substrates of this type.

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

All old and new surfaces to be painted must be sound, clean, dry and free of dust, sawdust, dirt, oils, chalk, mildew, 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, sand blasting or any other allowable means of 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. 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 surface, it should be allowed 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-phosphated 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 applying solution. Wear protective eye shields and clothing while using this solution. Let substrate dry thoroughly before priming and/or painting. Caution should be taken if a flammable product is used for cleaning.

For special painting procedures ask a PARKER PAINT representative for additional instructions.

RECOMMENDED PRIMERS:

WOOD: 450 First Kote
2333 Flex Prime

MASONRY, CONCRETE AND STUCCO:
1840 Alkali Resistant Primer
2333 Flex Prime
2345 Flex Bind
2347 Block Filler

GALVANIZED METAL AND ALUMINUM:
1821 Galv O Prime

METAL: 1652 Rust Proof Red Alkyd Primer
1655 White Alkyd Metal Primer
1679 Overlay Red Alkyd Primer

Note: Some of these primers cannot be used below 50°F.

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS

PER COAT: 1.75 mils.

WET FILM TO ACHIEVE DFT: 5 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.

Climate Coat Flat acrylic must be applied thick enough to thoroughly coat the surface it is being applied to. In some cases, a second coat may be required.

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

RECOMMENDED APPLICATION TEMPERATURES:

Do not apply if material, air, or surface temperature is at or below 35° F (3° C)

DRYING TIMES: @ 77° F (25° C) & 50-55% RH

SET TO TOUCH: 1 hour

RECOAT: 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).

AIRLESS SPRAY: Fluid Pressure 1800 - 2200 PSI
Tip Orifice Size .015 - .021
Filter 60 mesh

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

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

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(continued over)

PRODUCT ANALYSIS: 0850 White Only

PIGMENT:		34%
Titanium Dioxide	68.8%	
Amorphous Silica	16.9%	
Nepheline Syenite	14.3%	
	100.0%	

VEHICLE:		66%
Acrylic Emulsion	51.0%	
Propylene Glycol	4.3%	
Water	39.4%	
Additives	5.3%	
	100%	100%

VEHICLE TYPE: Acrylic**SOLVENT TYPE:** Water**VOC GRMS/L:** 137 grams/liter 1.14 lbs./gal.**APPEARANCE:** Flat**GLOSS RANGE:** <5 @ 60°**SHEEN:** <5 @ 85°**VISCOSITY:** 95 - 100 KU's
(@ 77° F [25° C])**% SOLIDS BY WEIGHT:** 52 ± 1.5%**% SOLIDS BY VOLUME:** 35 ± 1.5%**WEIGHT/GAL:** 11 ± .25 lbs./gal.**PACKAGING:** FIVE: X ONE: X 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 or 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 Climate Coat acrylic if the surface or air temperature is, or soon will be, below 36° 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.

"Surfactant Bleed"; sticky brown spots or runs can occur on a newly painted surface if exposed to moist conditions before surfactants can evaporate from the drying paint film.

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 by-products 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.

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**

PUBLISHED: 10/01

ENVIRONMENTAL CONSIDERATIONS

Formulated without lead or mercury.