

ULTRA Exterior 100% Acrylic Latex Flat

GENERAL DESCRIPTION

PITTSBURGH® Paints ULTRA Exterior 100% Acrylic Latex Flat is ideal for use on exterior trim, doors, windows, and aluminum and vinyl siding (see limitations of use).

RECOMMENDED SUBSTRATES

Aluminum Siding	Ferrous Metal
Brick	Fiber Cement
Concrete/Masonry	Steel Siding
Concrete/Masonry Block	Vinyl Siding
	Wood

CONFORMANCE STANDARDS

AIM	Architectural Industrial Maintenance
LADCO	Lake Michigan Air Directors Consortium
OTC	Ozone Transport Commission

APPLICATION INFORMATION

Stir thoroughly before and occasionally during use. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. 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

Application Method: Apply with a high quality nylon or polyester brush, roller or paint pad. Where necessary, apply a second coat. Allow each coat to dry before applying the next coat.

Application Equipment: For smooth surfaces, use a polyester nylon brush or 3/16" - 3/8" nap roller cover. For textured surfaces, use a nylon brush or roller designed for this purpose. If applied by spray, back-brushing or back-rolling is recommended. For air-less spray application, use tip size 0.015" - 0.021" and pressure range of 1500-2000 psi.

Thinning: No thinning is usually required. If necessary, add up to 1/4 pint (118 mL) of water per gallon (3.78L) of paint.

Permissible Temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	35 to 90°F	2 to 32°C
Substrate:	35 to 90°F	2 to 32°C

TINTING AND BASE INFORMATION

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

41-510	Pastel Base*
41-515	Midtone Base*
41-517	Deep Rustic Base*
41-545	White

*Must be tinted before use.

Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Flat: 0 to 10 (60° Gloss Meter)
VOLUME SOLIDS*:	32% +/- 2%
WEIGHT SOLIDS*:	46% +/- 2%
VOC*:	96 g/L (0.8 lbs./gal.)
WEIGHT/GALLON*:	10.7 lbs. (4.9 kg) +/- 0.2 lbs. (91 g)

*Product data calculated on 41-545.

COVERAGE: One gallon (3.78 Liters) covers approximately 400 sq. ft. (37.2 sq. meters) on primed smooth, non-porous surfaces.

Wet Film Thickness:	4.0 mils
Wet Microns:	102
Dry Film Thickness:	1.3
Dry Microns:	33

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @77°F (25°C); 50% relative humidity.

To Touch:	30 minutes
To Recoat:	4 hours
To Full Cure:	30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Wipe up spills immediately with a damp cloth or sponge. Wash brushes, rollers and other painting tools with soap and water immediately after use.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

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GENERAL SURFACE PREPARATION

Proper surface preparation is essential for the PITTSBURGH® Paints limited warranty to apply. Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer. **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. In Canada, contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

ALUMINUM SIDING: Siding may present potential adhesion problems. A primer may be required if the original painted surface has degraded to the substrate. Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. Check adhesion by applying a piece of masking tape. When the masking tape is removed, if the coating peels off, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion.

BRICK: New brick and mortar should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming with an alkali resistant primer. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming with an alkali resistant primer.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

FIBER CEMENT SIDING: Fiber cement board may present potential adhesion, alkali burn, and efflorescence problems. New board should be aged for at least 30 days prior to priming and painting. The pH of the substrate must be less than 10 and the moisture content must be less than 12% prior to priming and topcoating. All cracks and opens seams should be caulked to prevent water penetration. Pre-primed board from the manufacturer may not be uniformly or completely sealed. It is recommended that an alkali resistant primer be applied to ensure complete and uniform sealing prior to topcoating.

STEEL SIDING: Surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants. Check for adhesion over previously primed or painted surfaces. A rust-resistant primer is recommended when topcoating unpainted surfaces or where the original painted surface has degraded to the substrate.

VINYL SIDING: Siding may present potential adhesion problems. A primer may be required if the original painted surface has degraded to the substrate. Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. Check adhesion by applying a piece of masking tape. When the masking tape is removed, if the coating peels off, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion. Color selection for vinyl siding is limited. Do not paint vinyl siding with a color darker than the original to prevent potential warping due to heat absorption.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

LIMITATIONS OF USE

FOR EXTERIOR USE ONLY. Apply only when air, and surface temperatures are 35°F (2°C) or above and when the air and surface temperatures will remain above 35°F (2°C) for the next 24 hours. Do not paint when the temperature is below the dew point. Avoid painting late in the day when dew or condensation are likely to form or when rain or snow are anticipated. Not recommended for steps or floors. **PROTECT FROM FREEZING.** While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

PACKAGING

1-Gallon (3.78 L)
5 Gallon (18.9 L)
Quart (946 mL)

SAFETY PRECAUTIONS

Before using the products listed in this publication, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. High pressure injection of coatings into the skin by airless equipment may cause serious injury.

PPG Architectural Finishes, Inc. 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, call 1-800-441-9695.



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