



FP220 LINE

Technical Data Sheet

PRODUCT DESCRIPTION

Solar Ceramic Flat is our best exterior Flat finish. Designed for exterior wood, brick, masonry, and primed metal surfaces. Contains 100% acrylic latex resin and ceramic microspheres, which allow for maximum durability, protection against sun damage and superior adhesion. Can be applied at temperatures down to 35°F, which allows professionals to extend the painting season.

Color: White

Gloss: Flat

Benefits

Excellent Color Retention

Superior Adhesion

Tight Film That Resists Dirt Pick-Up

High Build Film

Limited Lifetime Warranty

PHYSICAL PROPERTIES

Property	Result
Volume Solids	39.1 %
Viscosity	105 - 110 (Krebs units)
Density	11.59 lbs./gal
VOC	< 120 g/L
Gloss @ 85°	3 - 8
Spread Rate	250 - 350 sq. ft./gal
Recommended Film Thickness	4.6 – 6.4 mils wet 1.79 – 2.50 mils dry
Dry to touch	1 hour
Recoat	2 hours
Reducer	Water

SURFACE PREPARATION

The surface to be coated must be clean and free of oil, grease, rust and other contaminants that could interfere with adhesion. New masonry surfaces must be cured, and free from release and curing agents and have a pH of less than 10.

Vinyl Siding & Trim: Painting vinyl siding or trim substantially darker than its' original color can cause warping.

Surface Prep: Remove dirt, chalk, mildew and road salts by washing or power washing with a mixture of detergent and chlorine bleach; rinse thoroughly to remove any soap residue. Stubborn chalk may need to be scrubbed with a brush to get the surface clean. Remove all loose and flaking paint by scraping, wire brushing and or sanding to create a smooth surface. Dull glossy surfaces with sandpaper in ensure proper adhesion. Surfaces must be clean, dry and dull before application of the coating. Bare wood, fiber cement, metal and masonry surfaces should be primed with 95J101 Stain Blocking Primer prior to application of Founder's Reserve Exterior Flat.

Priming:

Wood – Prime with 95J101 Primer.

Ferrous Metal – Prime bare metal 16P100 primer.

Non-Ferrous Metal – Dull new non-ferrous metal with a maroon scrub pad and Prime with 95J101 Primer.

Masonry – Prime poured or precast masonry with 95J101 Primer. Fill porous block prior to primer application.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION**General**

Stir product with a circular, lifting motion to disperse into a homogenous liquid. To achieve proper results use a nylon/polyester brush and a quality synthetic roller cover in a length that is appropriate for the surface texture.

Airless Spray – Tip at atomization pressures will vary with type of equipment, viscosity and temperature. An orifice of .015 - .019 will provide the most satisfactory spray pattern.

Best results are more likely obtained by using quality application tools. Do not apply directly over chalky surfaces or bleeding stains.

Cleanup

Clean spills and spatters immediately with soap and water, Clean tools with soap and warm water.



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CAUTION

Protect from freezing. Product is non-photo chemically reactive. This product contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, use and drying periods.



WARNING: Cancer and Reproductive harm. For more information go to www.P65Warnings.ca.gov

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT



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DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.