



Technical Data Sheet

Modern Masters Inc. (800) 942-3166
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Front Door Paint –Non-Fading, Satin Finish

Water Base, Self-Crosslinking Exterior Acrylic Paints
 Contains Less than 50 grams/liter VOC

24 Pre-Mixed, High Hiding Colors Available (SEE COLOR BROCHURE)

Modern Masters® Front Door Paints are used to create bold, vibrant and welcoming paint colors. They are specifically formulated with the finest ingredients that are resistant to ultraviolet degradation combined with highly fade resistant pigments. Early block resistant properties and quick re-paint times allow applicators to easily finish painting and close the door in an 8 hour period. Product can be brush, roll or spray applied.

Performance Properties:

Dry Hard	2 hours	ASTM D-1640
Contrast Ratio (White) 98+		ASTM D-2805
Reflectance (White) 92% min.		ASTM D-2805
Alkali Resistance	pass	2% NaOH Sol.
Scrubability	pass	2500 cycles
Biological Growth	>8 Pass	ASTM D-2373
		ASTM D-2374
Early Water Resistance	Pass	ASTM D-358
Flexibility ¼ " Mandrel	Pass	ASTM D-522
Color Retention	< 1.0 DE _{cmc}	2500 hrs QUV
Block resistance	10 -Pass	ASTM D-4946
Freeze Thaw	Pass 5 Cycles	ASTM D-2243

Accelerated Weathering 500 hrs.–Pass No blistering, checking, cracking, chalking, flaking, or loss of adhesion –ASTM D-4587, D-659, D-714, D-661 & D660

VOC: Using Front Door Paint colorants, paints are compliant under SCAQMD Rule: 1113 and contains <50 grams per liter of VOC, regulatory measurement. Front Door Paints do not contain Hazardous Air Pollutants.

Physical Properties (properties will vary by color)

Vehicle type	Acrylic - Self-Crosslinking
Pigment Type	TiO2 25%

Volume Solids	40%
Weight Solids	52%
Weight per Gallon	11.1 lb/gal
Viscosity	90-100 KU
Gloss (60° Specular)	25-35 units

Dry Times – Dry-to-touch is approximately 30-45 minutes. Recoat time is approximately 1 hour. Note: Dry times were recorded at 6 mil wet film thickness on a sealed surface at 75°F and 50% RH. Lower temperature and/or higher humidity may lengthen the dry and cure times.

Coverage – Theoretical yield is 80-100 square feet/quart at 1.5 mils dry film thickness per coat. A 2 to 3 mils dry film thickness is required for hide and full color development.

Surface Preparation – Follow standard practices and procedures for properly preparing surfaces for the application of traditional water-based acrylic paint. All surfaces to be painted must be entirely free of dust, dirt, oil, grease, and other contaminants. If the previously painted surface is sound, clean and dry then you can proceed with painting. If the surface has been damaged then completely remove all loose, flaking, or chalking paint from the surface. Use a NIOSH approved respirator when sanding and when working with old, loose paint particles. Provide adequate ventilation. Properly prime the repaired surface and allow curing before painting. Note: Always prime new, unpainted doors and shutters.

Recommended Primer for unfinished wood, metal or doors previously painted with an oil based paint:

Bulls Eye 1-2-3 by Zinsser

Factory finished doors and shutters should be primed before applying Front Door Paint. We recommended Bulls Eye 1-2-3 by Zinsser.

Application Conditions – Make sure that the air, surface and product are all above 40°F and at least 5°F above the dew point before applying. Avoid applying this product if rain or snow is expected in 2-3 hours or if the temperature may drop below 40°F within 48 hours.

Application – Modern Masters Front Door Paint paints can be brushed, rolled, or sprayed onto previously painted or properly primed, exterior doors and shutters. Stir the paint well before using.

Brushing: Use a high-quality synthetic bristle brush recommended for water-based paints.

Rolling: Use a 3/8" synthetic roller.

Spraying: Use an Airless spray unit or an Air-Assisted Airless spray unit. Use equipment manufacturer's recommended tip sizes for latex paint. Thin as needed—but carefully—as over-thinning may result in loss of hide and a reduction of the desired appearance. We recommend thinning 10% with water. If applying in elevated temperatures, above 80°F a spray/roll extender is recommended. Follow extender manufacturer's recommended mixing levels. Test for compatibility before applying. When spraying, use a properly-fitted NIOSH approved respirator per the manufacturer's instructions.

Clean Up – Clean brushes, rollers, tool, and equipment with soap and warm water immediately after use. Do not reuse containers and properly dispose of empty containers.

Handling & Storage – Tightly close tightly containers when not in use. Store the product in a cool dry place, away from direct sunlight. **Do not freeze.** If the paint becomes frozen, allow the paint to completely thaw and come to room temperature before use. **Stir thoroughly before use.** Suggested minimum storage temperature 40°F (5°C) Maximum storage temperature 90°F (32°C)

Disposal – Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

Health & Safety – Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not take internally. When spraying or sanding, use a properly fitted NIOSH approved respirator per the manufacturer's instructions.

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

Skin contact: Thoroughly wash with soap and warm water before the coating dries. Individuals with sensitive skin may require gloves.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: To help prevent irritation, use only in well-ventilated areas. If irritation occurs, move to fresh air. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Read the Material Safety Data Sheet for Additional Health and Safety Information.

Product Warranty – This product will perform as claimed if directions are followed. Directions are as complete as possible, but cannot encompass all conditions, applications, techniques, and/or surfaces, which are beyond our control. Warranty is limited to replacement or refund value of product actually used, if such product proves defective within two years of manufacture. No other warranty is expressed or implied.

Technical Assistance – For additional technical assistance contact our Technical Department at 818-683-0201 or e-mail technical@modernmasters.com.

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