



# Premium Certified MetroPaint™

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Interior / Exterior | Low Sheen

## GENERAL DESCRIPTION

Premium Certified MetroPaint is a high-quality, affordable post-consumer recycled-content\* latex paint certified by Green Seal™ and approved by the Master Painters Institute® (MPI) for both interior and exterior performance. Premium Certified contains the same great paint used in the MetroPaint Premium; however, it carries the Green Seal certification because it contains a higher percent of recycled paint.

Metro has produced quality recycled latex paint in Portland, Oregon since 1992. Ask Metro to learn more at 503-234-3000 or [oregonmetro.gov/metropaint](http://oregonmetro.gov/metropaint).

\* see Contents section of Technical Information below



## CERTIFICATIONS

**Green Seal:** Green Seal is an independent nonprofit organization dedicated to safeguarding the environment and transforming the marketplace by promoting the manufacture, purchase and use of environmentally responsible products and services. Premium Certified MetroPaint is certified under Green Seal's GS-43 "Standard for Recycled-Content Latex Paint."

**Master Painters Institute:** MPI is dedicated to the establishment of quality standards and quality assurance in the architectural painting and coating application industries. Premium Certified MetroPaint is certified under the following MPI consolidated-recycled latex paint detailed performance standards:

**Exterior:** MPI #10 RC, Gloss Level 1 "Flat"

**Interior:** MPI #53 RC, Gloss Level 1 "Flat"

MPI #44 RC, Gloss Level 2 "Velvet"

## FEATURES AND BENEFITS

- Versatile – can be applied to most interior or exterior surfaces
- Thick and rich consistency – easy to apply with brush, roller or sprayer
- Five-year limited warranty
- Consistent, matched colors from one gallon to the next
- Filtered to industry standard
- Includes additives that inhibit growth of mold and fungus on the dried paint film
- Dries quickly to a durable, washable, low-sheen finish
- Better for the environment – using recycled paint saves resources and conserves landfill space

## INTENDED AND SUGGESTED USES

- Intended for use as an intermediate coat or top coat on new or previously painted – properly prepared and suitably primed – interior and exterior surfaces
- Apply to wood (lumber, paneling); masonry (cement, clay, stucco); wallboard (plaster, texture); metal (aluminum, steel); plastic (vinyl); and fiberglass
- Residential, light industrial (e.g., warehouses), commercial, agricultural or public structures
- Floor and trim surfaces where light traffic or contact is expected
- Economical intermediate coat to extend the coverage and affordability of conventional top coats

## ENVIRONMENTAL PERFORMANCE

**Lead and mercury:** The use of lead and mercury in the production of latex paint has been restricted for many years. The sorting process used to create MetroPaint excludes older containers known to be high in lead or mercury. In addition, MetroPaint has periodically tested for these two heavy metals, along with an array of other ingredients of concern, and the results are consistently well below requirements of the Environmental Protection Agency (EPA) and the Consumer Product Safety Commission.

**Volatile organic compounds:** The average VOC content in our most recent round of testing was 91 grams per liter (g/L), ranging between 51 and 147 g/L, well below EPA requirements. Refer to the “MetroPaint and Green Building” fact sheet for more information about VOCs in paint.

## QUALITY PERFORMANCE

Premium Certified MetroPaint is subject to the following MPI performance test requirements.

- Consistency (viscosity)
- Dry time, dry hard
- Fineness of grind
- Finish (gloss and sheen)
- Hiding power (contrast ratio vs. reflectance)
- Alkali resistance
- Scrubbability
- Package stability
- Applicability and appearance
- Biological growth disfigurement resistance
- Early water resistance
- Accelerated weathering resistance
- Flexibility
- Adhesion
- Sorting protocol and filtering

## WARRANTY

**Five-year limited warranty:** Metro warrants that the dried film of this Premium Certified MetroPaint will remain intact and free from functional defects for five years from the date of purchase, if applied to an appropriate and properly-prepared and primed substrate in

accordance with the instructions on the product label and product data sheet. If this paint does not perform as specified, return unused portion, along with proof of purchase, to MetroPaint Swan Island. Metro will either replace the paint with paint of equal value at no cost to the purchaser, or refund the purchase price of the paint.

**Warranty limitations:** Premium and Premium Certified sold at MetroPaint Swan Island and Miller Paint locations. Liability for labor, materials, damages or injuries associated with the use of any paint are specifically excluded. Because of varying circumstances that Metro has no control over affecting each paint job, it is the user's responsibility to determine the suitability of this paint for any particular application. Failures resulting from improper surface preparation or coating application, or degradation of substrate or previous coatings, are not covered by this warranty. Metro reserves the right to inspect paint failures and receive preparation and application documentation prior to replacing paint or issuing a refund. Paint of equal value is considered to be MetroPaint of the same color or purchase price of the paint returned. There are no additional warranties, expressed or implied, except as may be required by state law.

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**WARNING!** When preparing surfaces prior to applying MetroPaint, 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 ALSO SHOULD AVOID EXPOSURE. Wear a respirator approved by the National Institute for Occupational Safety and Health to control lead exposure. Clean up carefully with a high-efficiency particulate air 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 visit [www.epa.gov/lead](http://www.epa.gov/lead).

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## **SURFACE PREPARATION AND PRIMING**

**Previously painted (all surfaces):** Clean surface by brushing, scraping or power/pressure washing. Remove all loose or flaking paint. Prepare and spot-prime exposed surfaces as appropriate for surface type described below. The remaining coats on previously painted surfaces may require roughing of and/or application of suitable oil, alkyd or latex primer, primer-sealer or bonding primer.

**Wood:** Clean surface by brushing (wire for rough-finish; nylon for smooth-finish) or power/pressure washing. Allow surface to dry completely. Remove sap, pitch and loose knots and apply wood filler and/or sealer to affected areas and tight knots. Apply a suitable alkyd/oil or latex primer or primer-sealer, including backsides and edges. Stain-blocking oil or alkyd is recommended for cedar/redwood or other tannin softwoods. Fill holes, cracks and joints with suitable caulking compound.

**Masonry:** Allow new construction to cure at least 28 days. Prime edges and backsides of exterior substrates. Clean surface by brushing or power/pressure washing. Remove or cut back imbedded metal objects; spot prime cut-back metal with anticorrosive primer. Remove oil/grease with TSP. Remove tough stains with oxalic acid. Acid-etch alkaline surfaces with muriatic acid until pH between 7.0-8.5. Remove any cleaning chemicals by flushing with clean water. Allow surface to dry completely. Fill surface imperfections with suitable filling compound and seams with suitable caulking compound. Apply block filler as needed. Spot-prime repaired areas and apply suitable alkali-resistant primer coat; MetroPaint may be used as primer on exterior substrates.

**Wallboard and ceilings:** Clean surface. Prime with suitable latex or alkyd primer-sealer.

**Steel, non-galvanized:** Clean surface. Acid-etch weld areas. Solvent-wash (toluene, naphtha, etc) oil/grease from surface. Abrade and spot-prime damaged, unprimed areas. Abrasive blast clean, or hand/power wire brush to promote adhesion. Prep surface using brush-off abrasive blast cleaning. Prime and paint prepared surface as soon as possible to prevent flash rusting. Suitable anti-corrosive or quick-dry metal primer must be the first coat applied to the surface.

**Metal, galvanized:** Consult substrate manufacture for specific preparation and coating recommendations. Use solvent-washing or emulsifying cleaner to clean surface. High-humidity areas may require blast cleaning or suitable etching solution. Prime with suitable cementitious or water-based galvanized metal primer.

**Aluminum:** Clean surface by hand cleaning, power/pressure washing, detergent or solvent washing or by using an emulsifying cleaner. Remove surface oxidation by hand/power sanding or abrasive blasting. Surface may be further prepared by acid-etching, power wire brushing or using abrasive grit or steel wool. Then it should be treated with etch-type vinyl wash primer. Prime with suitable quick drying aluminum primer.

**Plastic (vinyl) and fiberglass:** Clean surface by power/pressure washing. Remove mold-release agents from new fiberglass with suitable solvent. Sand fiberglass surfaces smooth. Prime with suitable water- or solvent-based bonding primer. Dark colors applied to sun-lit vinyl surfaces may cause substrate warpage.

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FOR BEST RESULTS AND PERFORMANCE, USE QUALITY APPLICATORS AND BEST PAINTING PRACTICES.

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## APPLICATION PROCEDURES

**Paint preparation:** Thoroughly stir paint before use and periodically during application. Thinning is not normally recommended; if thinning is required, reduce viscosity with up to 1 cup of water per gallon of paint. Keep container sealed in cool area when not in use. Keep from freezing.

**Temperature:** Ambient and surface temperatures should remain between 50-90°F during painting and drying (1-2 hours). Avoid painting in direct sunlight on hot days.

**Finishing grade:** Apply one suitable primer coat, then one intermediate coat (for custom grade) and one top coat (for premium grade) of MetroPaint. Two thin coats of paint over primer are better than one thick coat. Final paint dry film thickness should be between 2.6 to 3.4 mils.

**Brush or roll:** Use a quality brush or roller recommended for high viscosity, low sheen latex house or wall paint. Use a roller with a nap size (pile height) suitable for the surface being painted: low size for smooth surfaces, high size for rough surfaces. Apply in accordance with brush or roller instructions.

**Spray:** Use a quality sprayer and tip size recommended for higher-viscosity latex house or wall paint (usually 0.017 to 0.021 inch). Apply in accordance with spray manufacturer's instructions. Reducing (thinning) with water may be required.

**Washability:** Coating should be mostly stable after seven days of curing time. Allow paint to cure for 30 days before washing. Avoid using harsh or abrasive cleaners.

**Clean-up:** Clean up with warm or hot soapy water for best results. Dispose in accordance with local or state regulations. Do not pour down sinks or drains. Ask Metro for recycling information at 503-234-3000 or [oregonmetro.gov](http://oregonmetro.gov).

## TECHNICAL INFORMATION

### CERTIFICATION PERFORMANCE STANDARDS

<b>Green Seal™ (GS)</b>	Environmental performance.....	GS-43 “Recycled Latex Paint”
<b>Master Painters Institute® (MPI)</b>	Exterior performance.....	MPI #10 RC “Flat”
	Interior performance.....	MPI #44 RC “Velvet” or #53 RC “Flat”

PERFORMANCE SPECIFICATIONS	TYPICAL	REQUIRED	STANDARD
<b>System</b>	Resin/binder.....	Vinyl-acrylic latex	
<b>Finish</b>	Low sheen.....	Flat or velvet	
(except semi-gloss)	MPI gloss level.....	#1 or #2	MPI
	60° gloss.....	6.1 ± 1.4	0 – 10
	85° sheen.....	11.6 ± 3.8	0 – 35
<b>Contents</b>	Post-consumer latex paint.....	98.9 ± 0.5%	95% minimum
% by volume	Dry-film preservative.....	0.78%	
	Other performance additives.....	1.0 ± 0.4%	5% maximum
<b>Filtration</b>	Microns (1000 <sup>ths</sup> of a millimeter).....	300 µm	300 µm minimum
<b>Viscosity</b>	Consistency at 77°F.....	98.2 ± 4.7 KU	80 KU minimum
<b>Fineness of grind</b>	MPI gloss level 1 “Flat”.....	5 ¼ ± ½ HU	3-8 HU
Hegman units (HU)	MPI gloss level 2 “Velvet”.....	5 ¼ ± ½ HU	5-8 HU
<b>Density</b>	Pounds per gallon.....	10.4 ± 0.4 lb/gal	
<b>Solids, percent by</b>	Weight.....	47.1 ± 3.0%	
	Volume.....	33.5 ± 1.7%	
<b>Spreading Rate</b>	Coverage.....	320 - 400 sq.ft./gal	
<b>Film thickness</b>	Wet (1000 <sup>ths</sup> of an inch).....	4.0 - 5.0 mils	
per coat	Dry (wet mils x volume solids).....	1.3 - 1.7 mils	
<b>Drying times</b>	Dry-to-touch.....	30 minutes	
77°F & 50% RH	Dry-to-recoat.....	1 to 2 hours	
<b>Hiding power</b>	Contrast ratio.....	99.4 ± 1.2%	96 – 99 minimum
<b>Volatile organics</b>	VOCs (grams per liter).....	91 ± 22 g/L	250 g/L maximum

### Refer to the following for more information about MetroPaint:

- [oregonmetro.gov/metropaint](http://oregonmetro.gov/metropaint)
- Ask Metro at 503-234-3000
- MetroPaint product label
- MetroPaint product brochure
- MetroPaint and Green Building fact sheet
- MetroPaint Material Safety data sheet
- MetroPaint Colors data sheet