

Certified MetroPaint™

Interior/Exterior
Low Sheen



GENERAL DESCRIPTION

Certified MetroPaint™ is a high-quality, affordable 100% post-consumer recycled-content* latex paint approved by Green Seal™ and the Master Painters Institute (MPI).

Metro has produced quality recycled latex paint in Portland, Oregon, USA since 1992. For more information, visit www.Metro-region.org/paint or call (503) 234-3000.

**refer to Contents under Tech Info*

CERTIFICATIONS



Green Seal: Green Seal is an independent non-profit organization dedicated to safeguarding the environment and transforming the marketplace by promoting the manufacture, purchase and use of environmentally responsible products and services. Certified MetroPaint is certified under GS-43 “Environmental 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. Certified MetroPaint is certified under the following MPI consolidated-recycled latex paint detailed performance standards:

Exterior: #10-RC, Gloss Level 1 “Flat”
Interior: #53-RC, Gloss Level 1 “Flat” or
#44-RC, Gloss Level 2 “Velvet”

FEATURES & BENEFITS

- Versatile – can be applied to most interior or exterior surfaces
- Thick and rich consistency, easy to apply with brush, roller or sprayer
- Filtered to industry standard
- More than 15 attractive colors
- Colors can be blended together by user to create a variety of custom colors
- Dries quickly to a durable, washable low-sheen finish
- Good for the environment – saves resources and conserves landfill space

INTENDED & 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: The U.S. Consumer Product Safety Commission (CPSC) limits lead in dried paint to 600 ppm (parts per million). Numerous batches of MetroPaint have been tested for lead. In our most recent testing, conducted in 2008, no lead was detected in any color of MetroPaint. In previous testing lead levels were always well below the CPSC requirement.

Mercury: The U.S. Environmental Protection Agency (EPA) allows interior use of paint if mercury is less than 200 ppm. In our most recent testing, conducted in 2008, trace amounts of mercury were found, but always less than 3 ppm. In previous tests mercury levels were always well below the US EPA standard.

VOC: The average VOC content in our most recent round of testing was 117 g/L, ranging between 84 and 159 g/L. Refer to the “MetroPaint & Green Building” factsheet for more info..

QUALITY PERFORMANCE

Certified MetroPaint is subject to the following MPI performance test requirements. Refer to the “MetroPaint Green Seal & MPI Certification” factsheet for more information.

- 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

5-Year Limited Warranty: Metro warrants that the dried film of this 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 the MetroPaint Store. Metro shall either replace the paint with paint of equal value at no cost to the purchaser, or refund the purchase price for the paint.

Warranty Limitations: This warranty applies only to Certified MetroPaint purchased at the MetroPaint Store. 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 refund. Paint of equal value is considered to be MetroPaint of same color or purchase price of the paint. There are no additional warranties, expressed or implied, except as may be required by state law.

SURFACE PREPARATION & PRIMING

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 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 visit www.epa.gov/lead.

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. Remaining coating of previously painted surfaces may require roughing of and/or application of suitable interior or exterior 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 anti-corrosive 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 first coat applied to 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 with emulsifying cleaner. Remove surface oxidation by hand/power sanding or abrasive blasting. Surface may be further prepared by acid-etching, power wire brushing, abrasive grit, or steel wool, then 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 smooth fiberglass surfaces. Prime with suitable water- or solvent-based bonding primer. Dark colors applied to sun-lit vinyl surfaces may cause substrate warpage.

APPLICATION PROCEDURES

FOR BEST RESULTS AND PERFORMANCE USE QUALITY APPLICATORS AND BEST PAINTING

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.

Environment: Ambient and surface temperatures should remain between 50-90°F during painting and drying (at least 24-48 hours) and relative humidity should be below 85%. Apply only when dew point is greater than 5°F of temperature. 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 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 0.015 to 0.019 inch). Apply in accordance with spray manufacturer's instructions. Reducing (thinning) with water may be required.

Washability: Coating should be mostly stable after 7 days of curing time. Allow paint to cure for 30 days before washing. Avoid using harsh or abrasive cleaners.

Cleanup: 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. In Oregon or Washington call 1-800-RECYCLE for collection locations.

TECHNICAL INFORMATION

CERTIFICATION PERFORMANCE STANDARDS

Green Seal™	Environmental Performance.....	GS-43
Master Painters Institute (MPI)	Exterior Performance.....	MPI #10-RC
	Interior Performance	MPI #44-RC or #53-RC

STANDARD PERFORMANCE SPECIFICATIONS

Finish	Low-Sheen	Flat or Velvet
System	Resin/Vehicle	Vinyl-Acrylic Latex
Viscosity	Consistency @ 77°F	90-115 KU
Filtration	Microns.....	300 µm or finer
Fineness of Grind	Gloss Level 1 “Flat”	3-8 HU
	Hegman Units Gloss Level 2 “Velvet”	5-8 HU

TYPICAL PERFORMANCE SPECIFICATIONS

Contents (Volume)	Post-Consumer Latex Paint.....	98+%
	Dry Film Preservative	0.85%
	Thickening Agent.....	0.00-0.65%
Density	Lbs per Gal	10.5 (10.1-10.9) lb/gal
Solids, Percent by	Weight	46.9% (43.9-49.9%)
	Volume	33.5% (31.8-35.2%)
Spreading Rate	Coverage.....	320-400 ft ² /gal
Drying Times	Dry-to-Touch	30 min
	77°F & 50% RH Dry-to-Recoat	1-2 hrs
Finish	MPI Gloss Level.....	1 or 2
	60° Gloss	2.6-8.9
	85° Sheen	2.2-22.0
Volatile Organics	VOCs.....	117 (84-159) g/L
Hiding Power	Contrast Ratio	98% (96-100%)
Film Thickness	Wet.....	4.0-5.0 mils
	Per Coat Dry	1.3-1.7 mils

Refer to the following for more information about MetroPaint:

- MetroPaint Product Label
- MetroPaint Website (www.Metro-region.org/paint)
- MetroPaint Product Brochure
- MetroPaint Green Seal & MPI Certification Factsheet
- MetroPaint & Green Building Factsheet
- MetroPaint Painting Tips
- MetroPaint Material Safety Data Sheet