



# TECHNICAL DATA SHEET

Commercial • Industrial • Residential

## Interior Acrylic Latex **MASTER PAINTER ZERO**

- FLAT (4136 Series, previously 5136 Series)
- SATIN (4236 Series, previously 5236 Series)
- PEARL (4836, previously 5636 Series Series)
- EGGSHELL (4336 Series **NEW!**)
- LOW GLOSS (4436 Series, previously 5336 Series)
- SEMIGLOSS (4536 Series, previously 5436 Series)

### DESCRIPTION

Master Painter ZERO is a high quality, water-borne, acrylic latex, interior paint with Zero VOC. Formulated for outstanding hide & coverage, exceptional flow & leveling and minimal spatter during application, Master Painter ZERO is a proven performer for Professionals and DIY homeowners. Designed to minimize surface imperfections Master Painter ZERO interior paint is washable for longer term service life of the paint. Advanced Zero VOC resin technology with virtually NO odor during application allows for use in occupied facilities. Uniform consistency and easy water clean-up delivered by the Master Painter ZERO line of interior paints affords application time advantages for the professionals, making it the trusted choice for Large/Commercial projects as well as a favorite for Residential applications.

### INTENDED USE:

- This 'Best in Class' product is **designed** for Professional Contractors and Homeowners alike, for use on **interior surfaces** such as, properly prepared and primed Walls, including Gypsum Drywall & Plaster, or over Masonry and Primed Wood. It is ideal for routine color changes.

### Coating Properties

Coating Category	Interior Acrylic Latex					
Package Size	Available in <b>one</b> gallon and <b>five</b> gallon pails.					
Viscosity	93 – 100 KU's					
<b>MPI CERTIFICATIONS</b>	<b>FLAT</b> (GL1) <b>#53, #143</b>	<b>PEARL</b> (GL2) <b>-</b>	<b>SATIN</b> (GL2) <b>#44</b>	<b>EGGSHELL</b> (GL3) <b>#52</b>	<b>LOW GLOSS</b> (GL4) <b>#43</b>	<b>SEMIGLOSS</b> (GL5) <b>#54</b>
VOC*	<b>FLAT</b> <2.0 g/L	<b>PEARL</b> <2.0 g/L	<b>SATIN</b> <2.0 g/L	<b>EGGSHELL</b> <2.0 g/L	<b>LOW GLOSS</b> <2.0 g/L	<b>SEMIGLOSS</b> <2.0 g/L
	<b>LEED® v 4.1 VOC Compliant/Eligible for LEED® v4.1 credit</b>					
Recommended Film Thickness per coat:	<b>FLAT</b>	<b>PEARL</b>	<b>SATIN</b>	<b>EGGSHELL</b>	<b>LOW GLOSS</b>	<b>SEMIGLOSS</b>
Wet Film	4.0 mils	4.0 mils	4.0 mils	4.0 mils	4.0 mils	4.0 mils
Dry Film	1.5 mils	1.5 mils	1.5 mils	1.5 mils	1.5 mils	1.5 mils

\* **MAXIMUM VOC CONTENT 2 g/L (by ASTM Test Method D 6886) without Tint colorant. "Zero VOC" means "NO ORGANIC SOLVENTS ADDED."** Trace amounts of VOC may be present as residual components of other ingredients. Rodda Paint uses ZERO VOC Colorants; other additives may increase VOC emissions.

### Test Results

<b>Coating:</b> MASTER PAINTER Interior Acrylic Latex (Flat, Pearl, Satin, Eggshell, Low Gloss and SemiGloss)	
<b>Coverage Hide:</b> Method: MPI 43, 44, 52, 53, 54,143 Test Result: >98%	<b>Application &amp; Appearance:</b> Method: MPI 43, 44, 52, 53, 54,143 Test Result: Pass (Exceeded Requirement Finish)
<b>Flexibility:</b> Method: ASTM D522 (1/4" Mandrel) Result: Pass (1/4" bend)	<b>Odor</b> (Low/No Objectionable odor) Method: MPI Standard Test Result: Pass (NO/LOW Odor during Application & Drying)
<b>Spatter Resistance:</b> Method: ASTM D4707 Result: Excellent	<b>Scrub Resistance:</b> Method: ASTM D2486 Result: Pass (Exceeded Requirement for each Finish) With No shim, Non-abrasive media

### MARKETS / END-USES:

- Commercial
- New Home Construction
- Multi-Family
- Maintenance
- Residential
- Re-Paint
- Facilities (Hospitals, Schools, Institutions)

### SUBSTRATES:

- Properly Prepared & Primed Interior:
- Gypsum Drywall
  - Plaster
  - Masonry – Brick, Pre-Cast, Cast-in-Place
  - Wood
  - Metals – Ferrous, Non-Ferrous

### PRODUCT WEIGHT:

10.33 – 11.63 lb. per gallon  
(depending on the base)

### SKU/GLOSS INFORMATION:

**GLOSS LEVEL 1** - Non-reflective, exquisite, designer finish; Great for touch ups; Masks surface irregularities; Not for high traffic area;

#### FLAT

White Base: 413601  
Deep Base: 413603  
Neutral Base: 413604

**GLOSS LEVEL 2** - Slight Sheen; Durable, Easy Clean; Provides depth of color; Most specified wall finish;

#### SATIN PEARL

White Base: 423601 483601  
Deep Base: 423603 483603  
Neutral Base: 423604 483604

**GLOSS LEVEL 3** - Glossier, Durable, Easier clean; Brings greater warmth/depth to surfaces; resists stains; ideal for areas with traffic;

#### EGGSHELL

White Base: 433601  
Deep Base: 433603  
Neutral Base: 433604

**GLOSS LEVEL 4** – Glossier appearance; Good cleaning properties; Ideal for higher traffic & moisture areas;

#### LOW GLOSS

White Base: 443601  
Deep Base: 443603  
Neutral Base: 443604

**GLOSS LEVEL 5** – Higher Gloss, Maximum Durability; Good stain resistance/easy to clean; Ideal for Areas that Take a Lot of abuse and Higher Moisture areas;

#### SEMIGLOSS

White Base: 453601  
Deep Base: 453603  
Neutral Base: 453604

### TINT COLORANT TYPE:

Universal/ZERO VOC Colorant

### TINT LOAD CAPACITY:

Check with your Rodda Paint Store/Rep for tinting information



Rodda Paint Company  
6107 North Marine Drive, Portland, Oregon 97203, USA  
1.800.452.2315  
[www.rodmapaint.com](http://www.rodmapaint.com)



Formulated and Manufactured in Portland, Oregon, USA

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## COVERAGE INFORMATION

VOLUME Solids – WHITE Base Variation by Base/Color	<b>Flat</b> 37% +/-2%	<b>Pearl</b> 38% +/-2%	<b>Satin</b> 37% +/-2%	<b>Eggshell</b> 37% +/-2%	<b>Low Gloss</b> 36% +/-2%	<b>SemiGloss</b> 36% +/-2%
WEIGHT Solids – WHITE Base Variation by Base/Color	<b>Flat</b> 50% +/-2%	<b>Pearl</b> 53% +/-2%	<b>Satin</b> 50% +/-2%	<b>Eggshell</b> 49% +/-2%	<b>Low Gloss</b> 47% +/-2%	<b>SemiGloss</b> 47% +/-2%
Finish: Gloss (@60°) Sheen (@85°)	<b>Flat</b> 2 - 3 1 - 2	<b>Pearl</b> 3 - 5 14 - 25	<b>Satin</b> 6 - 10 20 - 35	<b>Eggshell</b> 10 - 20 25 - 35	<b>Low Gloss</b> 20 - 28 57 - 66	<b>SemiGloss</b> 36 - 44 75+
Applied Coverage	370-420 Sq. ft. /gal <b>Note:</b> Actual coverage may vary depending on substrate, application methods and specified wet and dry film thickness Coverage will be less on more porous or textured surfaces Please <b>contact</b> your Sales Representative for <b>specific</b> project recommendations					
Shelf Life	<b>Maximum Shelf Life</b> of 3 Years when stored in unopened container					
Storage Temperature	Store indoors at 40F – 90F. Keep from Freezing					

## APPLICATION PARAMETERS

Relative Humidity Restrictions	<b>Do not exceed</b> 90% during application or curing phase
Minimum Application Temperature	50F (substrate)
Maximum Application Temperature	95F (substrate)
Application & Curing Information Dry to <b>Touch</b> : Dry to <b>Recoat</b> :	<b>At 77F and 50% Relative Humidity:</b> 30 minutes 2 -3 hours <b>Note:</b> Film thickness, temperature, humidity and air movement will affect dry/cure times
Technical Notes	<ul style="list-style-type: none"> <li>• <b>Not Recommended for application</b> when the relative humidity is above 85%</li> <li>• Ambient temperatures should be between 50 - 95F</li> <li>• Superior performance will result from properly <b>priming</b> (see Surface Preparation section)</li> <li>• <b>FOR INTERIOR USE. Not Recommended For Floors.</b></li> </ul>

## COATING RECOMMENDATION:

- Apply **two** coats over properly prepared surfaces
- NOTE:** Air, surface and product temperature must be at 50F-95F during application and drying

## MIXING:

- Stir thoroughly to a uniform consistency
- For multiple containers, mix paint together for color consistency
- Approve Color Prior To Application
- NOTE:** Color chip approximates the color

## THINNING/REDUCERS:

- Ideally do not thin.
- In hot environments, it may be necessary to add clean tap water to improve performance/workability for spray use – Can be thinned sparingly with clean/potable tap water for spray application
- Use least amount of reducer to provide desired workability,
- NOTE:** Excessive reduction with water can reduce sag resistance during application

## APPLICATOR INFORMATION:

### BRUSH:

Use a polyester brush

### ROLLER COVER:

Use a 3/8" – 3/4" nap synthetic cover depending on the degree of texture of the surface to be painted

### AIRLESS SPRAY:

Pressure 2,000 psi  
Tip: .015 to .021  
Back roll with spray application

## CLEANING:

- Immediately wipe up any drips or spatters with a damp cloth
- Clean application tools immediately after use with warm soapy water and rinse thoroughly
  - If pausing for a break, wrap wet applicator in plastic wrap or seal in a poly bag
  - Prevent rusting of spray equipment – flush with a compliant cleanup solvent after cleaning

**NOTE:** Follow manufacturer's safety recommendations when using solvents





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## SUBSTRATES AND SURFACE PREPARATION

**SURFACE PREPARATION IS IMPORTANT** - All surfaces must be of uniform porosity, clean, dry and free of mildew, grease, chalk, soap film, sanding dust or other contaminants

- Remove all loose or peeling material from previously painted surfaces
- Wash with an appropriate cleaner/mild detergent and water solution, rinse thoroughly and allow to dry
- Ensure all substrates to be coated are free of Mildew, Mold, Algae or other biological contaminants
  - Wash with a cleaner such as JOMAX or bleach/water (1:3) solution - Apply the solution, scrub the mildewed area, allow solution to remain on the surface for 10 minutes, rinse thoroughly and allow to dry
- Repair all surface imperfections, holes and other voids with appropriate patching compound or elastomeric sealant.
- On glossy or smooth surfaces, scuff sand using appropriate sandpaper to provide a uniformly dulled appearance
- Remove all sanding dust and debris prior to painting
- Do not apply at ambient or substrate temperatures below 50F
- Surface preparation and cleanup can compromise the longevity of the application

### **PVC BUILDING PRODUCTS:**

- Repair all surface defects with proper patching compounds and allow to dry.
- Remove all sanding dust and debris prior to painting.

### **FERROUS METAL:**

- Clean metal of any contaminants by pressure washing or solvent wiping in accordance with SSPC-SP-1. At a minimum, power tool clean the metal per SSPC-SP-3 being careful not to polish the metal.
  - Wire Wheeling should be avoided to prevent polishing the metal
- Properly prepared metal surface should have appropriate sharp & angular profile for the paint to mechanically bond.
- Any and all corrosion must be removed with sandpaper, wire brush or other abrasion method.
- Prime all properly prepared ferrous metal with suitable primer after proper surface preparation to prevent flash rusting and improve adhesion performance.

### **NON-FERROUS METAL & FIBERGLASS:**

- Clean the metal/fiberglass surface of any contaminants such as oil, grease, mold release or dirt.
- At a minimum, scuff sand the metal or fiberglass surface with appropriate sandpaper to provide a uniformly dulled surface with adequate surface profile and remove sanding dust prior to painting.
- Apply a bonding primer suitable for the metal being painted if mechanical surface preparation is not possible.

### **SURFACE PREP FOR UNPAINTED MASONRY:**

- Remove all surface contamination, form release agents, moisture curing membranes, mildew, efflorescence, etc. by washing with an appropriate cleaner. Then rinse and allow to dry.
- Do not apply to damp or wet surfaces.
- Concrete or mortar needs to be cured approximately 30 days at 70F.
- For porous CMU substrates use appropriate block filler and back roll to fill voids.
  - Do not apply block filler to smooth surfaces as peeling may occur.

### **NEW OR BARE WOOD:**

- Remove mill glaze and expose fresh wood cells prior to applying appropriate wood sealer or primer. Use chemical solution or sand with appropriate sandpaper.
- Remove sanding dust prior to application of sealer or primer.
- Seal with correct primer for wood substrates.

### **PRE-PAINTED SURFACES:**

- Wash with a mild detergent and water solution. Rinse thoroughly, allow to dry thoroughly.
- All glossy or hard smooth surfaces should be scuff sanded using appropriate sandpaper to provide a uniformly dull appearance on all substrates.
- Remove all sanding dust prior to painting.

**WARNING!** If you scrape, sand or remove old paint from any surface 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. Carefully clean up with a wet mop or HEPA vacuum. For additional information on surfaces that may contain lead paint, contact the U.S. EPA / Lead Information Hotline at **1.800.424.LEAD (5323)**.

## PRIMER RECOMMENDATION:

- For **optimal** hide and color representation use Rodda Paint's 501601 PrimeSolutions First Coat Primer or a suitable primer for the substrate
- For **drastic** color changes it is **imperative** to use a coat of gray based primer for the best hide performance and color representation

### **Gypsum Wallboard:**

501601 Prime Solutions First Coat Primer, 503601 Master Painter Roseal Primer or suitable primer

### **Steel (Ferrous Metal):**

70323 EcoLogic Primer, 708225 Barrier III HS Metal Primer

### **Galvanized Metal:**

70323 EcoLogic Primer, 501601 Prime Solutions First Coat Primer

### **Aluminum (non-ferrous metal):**

83020 ClovaPrep Epoxy, 83060 Vinyl Wash Primer or 501601 Prime Solutions First Coat Primer

### **Rusted Metal:**

CorroSeal Rust Converter or 708225 Barrier III HS Metal Primer

### **Fiberglass, Doors, PVC Building Products:**

501601 Prime Solutions First Coat Primer or suitable bonding primer

### **Concrete, New Masonry, New Masonry Block, Plaster:**

501601 Prime Solutions First Coat Primer or 512301 pHlex-tite Primer

### **Porous Masonry Block:**

Fill voids with 501901 Sprayable Block Filler

### **Dry New Wood, Plywood T-111:**

501601 Prime Solutions First Coat Primer

**NOTE:** If tannin staining appears on cedar/redwood, apply a 2<sup>nd</sup> coat of PrimeSolutions First Coat Primer and allow to dry thoroughly (24-48 hours) before top coating

## CAULKING RECOMMENDATION:

- Repair surface using an appropriate filler – make sure to fill cracks, holes, voids and any irregularities
- Fill all gaps between windows, doors, trim, etc. with the appropriate caulk
- Allow the Caulk to dry as per the appropriate drying time before application of the paint
  - RODDA PROPlus Siliconized Acrylic Sealant
  - Pro Stretch Acrylic Urethane Elastomeric Sealant

**NOTE:** Check with your Rodda Paint store or Sales Representative for specific advice



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## SAFETY PRECAUTION

**Safety Precautions:** For detailed information please refer to this product's safety data sheet (SDS) – A copy of which can be found on our website, [www.rodmapaint.com](http://www.rodmapaint.com) under Products/Product Data Sheets and SDS

**First Aid:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Wash contaminated skin with soap and water. If ingested, call physician or the Poison Control Center immediately.

## UPDATES/AMENDMENTS

Please visit [www.rodmapaint.com](http://www.rodmapaint.com) for the most recent versions of Technical Data Sheets and Safety Data Sheets

## LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis.

They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

## WARRANTY

Rodda Paint Co. manufactures quality products and warrants its product to be free from defects in materials and workmanship. In the event that this product is defective or in any way unsuitable for the application for which it was sold, Rodda Paint Co. will REPLACE ANY PRODUCT PROVED TO BE DEFECTIVE free of charge OR REFUND THE ORIGINAL PURCHASE PRICE OF THE QUANTITY PROVED. This warranty is the only guarantee of quality made in respect of this product by Rodda Paint Co. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

TO BE DEFECTIVE – Requests for refund or replacement of product must be made in writing within one year from the original date of purchase. This Warranty does not apply to defects due, directly or indirectly, to misuse, abuse, negligent application, or acts of God.

Rodda Paint. WILL NOT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCT, INCLUDING DOWNTIME OR LOSS OF USE OF PRODUCT.

All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. Our products are sold on the condition that the user themselves will evaluate them, as well as our recommendations, to determine the suitability for their own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.

**See your Rodda Sales Rep or Store Manager for details.**

## READ LABEL AND SAFETY DATA SHEET PRIOR TO USE!



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