



Commercial • Industrial • Residential

## Exterior Water-Based Semi Elastomeric Acrylic SharkSkin® Primer/Sealer (404001)

### **DESCRIPTION**

Sharkskin is a flexible, semi-elastomeric, acrylic water-based Primer/Sealer designed to stabilize surfaces and increase the adhesion of solid top coats, such as SharkSkin Solid Hide stain. SharkSkin Primer/Sealer is formulated to promote adhesion to structurally sound surfaces such as CMU, plaster and concrete as well as horizontal & vertical wood surfaces.

A unique copolymer design, SharkSkin Primer/Sealer penetrates and seals porous surfaces as well as locks down deteriorating surfaces in order to extend the service life & performance of top coats. It covers the existing finish to seal the edges of peeling and checked old coatings to lock them down for a uniform top coat.

SharkSkin Primer/Sealer remains flexible over the paint's service life, thereby reducing cracking & peeling of the top coat.

Deck coatings are not indestructible and can be subjected to the sun's intense UV radiation, pooling water, ice, salt, hot tub chemicals, abrasive grit, snow shovels and scrapers, high pressure washers, mildew and algae growth to name a few of the exposures that deck coatings are required to withstand - All this protection is asked of only a few thousands of an inch of surface coating.

### **INTENDED USE:**

- This '**Best in Class**' product is **designed** for Professional Contractors and Homeowners alike, for use as an adhesion promoting Primer/Sealer on exterior **surfaces** such as horizontal & vertical wood surfaces, composite or cement board siding, stucco, concrete, CMU and other cementitious surfaces. Great for exterior wood decks, deck railings, fences, patios, stair treads, soffits and trim. Excellent for use on weathered, worn or previously coated decks & siding. Ideal for Residential and Commercial projects.

### **Product Details**

Coating Category	Exterior Semi-Elastomeric Acrylic Primer/Sealer
Package Size	Available in <b>one</b> gallon and <b>five</b> gallon pails.
Mix Ratio	N/A
Viscosity (Mixed) - KU	91 – 95 KU's
Recommended Film Thickness (per coat): Wet Film Dry Film	5 – 7 mils (127 – 178 microns) 1.5 – 2.0mils (38 – 51 microns)

**NOTE: SharkSkin Primer/Sealer is a transparent primer and NOT tintable. SharkSkin Primer/Sealer can ONLY BE USED UNDER a SOLID top coat - NOT for use under a transparent, semi-transparent, clear or penetrating deck coating.**

**SharkSkin Primer/Sealer is not designed to penetrate through old paint and reattach loose or peeling paint. The intended use of this product is to prolong the life of existing structures. Sharkskin Primer/Sealer does not stop rot. It will not repair any substrate.**

### **CERTIFICATIONS:**

### **MARKETS / END-USES:**

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

### **SUBSTRATES:**

Properly Prepared:

- Horizontal & Vertical Wood Surfaces – Deck, Railing, Fencing, Stair-tread, Soffit & Trim
- Fiber Cement Composite – Siding, Panels
- Wood Siding – Clapboard, Shingles, Shakes
- Stucco, Concrete, CMU or Other Cementitious Surfaces
- Plywood – T-111, OSB

### **PRODUCT WEIGHT:**

9.03 lb. per gallon

### **GLOSS LEVEL:**

**NA; PRIMER**

### **VOC INFORMATION:**

**Bases** **VOCs (g/L)**

**Transparent** **<85 g/L\***  
404001 – Primer/Sealer

\* without Tint colorant, additives or thinning - Tinting/Additives/Thinning changes the VOC

### **TINT COLORANT TYPE & LOAD:**

SharkSkin Primer/Sealer is a transparent primer and not tintable





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## Coverage Information

Volume Solids	29%
Weight Solids	35%
Finish:	NA @ 60° NA @ 85°
Applied Coverage	230 - 310 Sq. ft. /gal <b>Note:</b> Actual coverage may vary depending on substrate, application methods and specified wet and dry film thickness Please <b>contact</b> your Sales Representative for <b>specific</b> project recommendations
Shelf Life	<b>Maximum Shelf Life</b> of 2 Years when stored in unopened containers at 70F <b>Store in container</b> sized for minimal air space
Storage Temperature	40F–90F Store indoors and keep from freezing

## Application Parameters

Relative Humidity Restrictions	<b>Do not exceed</b> 80% during application or curing phase
Minimum Application Temperature	50F (substrate)
Maximum Application Temperature	95F (substrate)
Application & Curing Information	<b>At 77F and 50% Relative Humidity:</b> Dry to <b>Touch:</b> 15 minutes; Will remain tacky until over coated and will be susceptible to dirt pick-up prior to top-coating Dry to <b>Recoat:</b> 1-2 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 90% or when surface will be subjected to temperature &lt;50F</li> <li>• Superior performance will result from proper <b>preparation</b> - see Surface Preparation section and Important Tips section</li> <li>• <b>FOR EXTERIOR USE. Not Recommended For Driveways, Garages or other areas with vehicular traffic.</b></li> </ul>

## COATING RECOMMENDATION:

- Apply only at recommended coverage rates per coat.
- Coverage will be less on more porous or textured surfaces.
- **DO NOT** overbuild this product.

**NOTE:** Air, surface and product temperature must be between 50F-95F during application and drying.

## MIXING:

- Stir thoroughly to a uniform consistency before and during use.

## THINNING/REDUCERS:

- Ideally do not thin
- In dry, hot environments, it may be necessary to add clean potable tap water to improve performance/workability for spray use – can be thinned sparingly with clean/potable tap water for spraying purposes
- Use **least** amount of reducer to provide desired workability

**NOTE:** Excessive reduction with water will affect the priming/sealing abilities of this product

## APPLICATOR INFORMATION:

### BRUSH:

Use a premium quality, synthetic bristle 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: .013 to .015  
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
  - To prevent rusting of spray equipment – flush with a compliant cleanup solvent after cleaning with water
- **NOTE:** Make sure to follow the manufacturer's safety recommendations when using solvents
- For best results, clean up before the product dries.
- Make sure to properly dispose of empty container/s and protect any unused product from freezing.





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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
- Ensure all substrates to be coated are free of Mildew, Mold, Algae or other biological contaminants.
- Wash with 80317 SharkSkin Wood Cleaner & Brightener to thoroughly clean the surface - Follow label instructions for use
  - Protect plants and water sources. Avoid contact with Glass and decorative metal
  - Apply the solution, scrub the mildewed area, allow solution to remain wet on the surface for 20 minutes, rinse thoroughly and allow to dry
- Repair all surface imperfections, cracks, holes and voids with appropriate patching compound or elastomeric caulk/sealant
- All surfaces, should be scuff sanded using appropriate 80-120 grit sandpaper on a hand-sander
- Remove all sanding dust and debris prior to painting
- Do not apply at ambient/substrate temperatures below 50F
- Surface must be dry prior to application of SharkSkin Primer
- Apply a test patch of paint to questionable areas to check for adhesion prior to painting

**NOTE: PREPARATION is key for proper adhesion of SharkSkin Primer/Sealer - FAILURE TO FOLLOW preparation guidelines as listed in this technical data sheet/the can label will result in poor adhesion of top coat as well as possible coating failure**

### EXISTING DECKS/PREVIOUSLY PAINTED OR STAINED WOOD:

- Existing decks/previously painted or stained wood must be thoroughly cleaned prior to repainting
- Mildew and algae must be cleaned and neutralized using 80317 SharkSkin Wood Cleaner & Brightener to thoroughly clean the surface (Follow label instructions for use) - This solution must remain wet in contact with the mildew or algae for at least 20 minutes then rinsed
- For decks or surfaces showing more extensive damage that require stripping to bare wood use SharkSkin 80318 Deck Stripper (follow label instructions) to remove old and failing coating and to expose a fresh sound surface
- Loose or popping nail heads should be pulled and replaced with a galvanized nail of a larger size – Ensure all nail/screw heads are properly countersunk to avoid any tripping hazards
- Fill all nail heads with a suitable exterior filler and all cracks, checks in the deck boards or other gaps where moisture could penetrate into the lumber should be filled with a caulking material
- Surface must be dry prior to application of SharkSkin Primer

### PREVIOUSLY SEALED WOOD:

Sealed wood surfaces need to weather at least 6 months before application

- Clean the surface using a deck brush with 80317 SharkSkin Wood Cleaner & Brightener - Any loose paint/stain needs to be scraped & removed and the surface must be clean and free of dirt, grease, mildew and organic growth
- Conduct a splash test by sprinkling water on multiple areas - Surface is ready to coat, IF the water absorbs rapidly into the wood; Surface is not ready to coat IF the water beads/puddles/is not absorbed and requires more surface preparation
  - Continue the process until water absorbs into the wood in the multiple test areas
- Fix all raised nail heads, deck screws, or loose deck boards
- Remove any loose splinters and replace any damaged/rotting boards
- Fill cracks with a caulking material
- Surface must be dry prior to application of SharkSkin Primer

### REPLACED NEW/BARE/UNCOATED WOOD:

New wood should age/weather for a minimum of 6 months before applying SharkSkin Primer/Sealer – For un-weathered wood use a quality oil based or acrylic wood primer such as 501601 PS First Coat or 701501 PS Control Primer

- New wood may be wet with chemicals or have mill glaze from the manufacturing process - Use 830319 SharkSkin Mill Glaze Remover chemical solution or sand with 60 grit sandpaper to remove mill glaze and expose fresh wood cells prior to applying SharkSkin Primer/Sealer
  - Remove sanding dust prior to application of SharkSkin Primer/Sealer
- Ensure surface is clean and free of dirt, grease, mildew and organic growth
- Fix all raised nail heads, deck screws, or loose deck boards
- Remove any loose splinters and replace any damaged/rotting boards
- Fill cracks with a caulking material

**NOTE: The Wood must be completely dry before application of SharkSkin Primer/Sealer to prevent peeling of the top coat**

### PREVIOUSLY PAINTED MASONRY:

- Remove all surface contamination, mildew, efflorescence, etc. by washing with 78100 ClovaClean Surface Conditioner cleaner
- Pressure Wash/Rinse and allow to dry - Do not apply SharkSkin Primer to damp or wet surfaces
- Repaired concrete or mortar needs to be cured approximately 30 days
- Make sure to use the appropriate fillers/products for repairs of porous CMU substrates and cementitious surfaces

**NOTE: This product is not intended for New Masonry – please see your Rodda representative for details**

**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)**.

### CAULKING RECOMMENDATION:

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

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

### IMPORTANT TIPS FOR WOOD DECKS:

Deck coatings are not indestructible. They are subjected to and required to withstand a variety of weather exposures/occurrences - All this protection is asked of only a few thousands of an inch of surface coating.

- Work in small sections to maintain a wet edge lightly saturating the surface and immediately back-brush/use pad applicator to eliminate puddling on horizontal surfaces - remove excess and evenly distribute the primer
- Near grade level deck boards subject to high moisture levels must be protected by sealing from moisture exposure on all **six sides** of the deck board, including the ends - It is best practice to coat all sides prior to assembly of deck installation of siding
- Any deteriorated or damaged wood, masonry, or other substrate must be repaired first
- Severely damaged or decaying surfaces should be replaced prior to applying a coating system
- Choose a time for the project when the substrate is dry as possible. Ideal moisture content of substrate should be <18% (tested by moisture meter).

**NOTE: PREPARATION is key for proper adhesion of SharkSkin Primer/Sealer - FAILURE TO FOLLOW preparation guidelines as listed in this technical data sheet/the can label will result in poor adhesion of top coat as well as possible coating failure!**



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Formulated and Manufactured  
in Portland, Oregon, USA

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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.

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

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



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