

RESTORATION™ COATING SYSTEM

RCS™ -30
Direct to Metal Primer

Product

RCS 30 Direct To Metal Acrylic Primer

Product Description

RCS 30 Direct To Metal Acrylic Primer is a 100% acrylic emulsion, waterborne, corrosion resistant Direct to Metal primer for both construction and industrial maintenance applications. It can be used directly over metal substrates to dramatically improve adhesion of Lapolla Coating's **RCS Restoration Coating System™** 100% Acrylic Elastomeric Roof Coatings.

Recommended Uses

RCS 30 is formulated for use over prepared steel, aluminum or galvanized metal to promote adhesion for the **RCS Restoration Coating Systems™**.

Performance Characteristics

- Promotes Adhesion Of **Restoration Coating System™** To Steel, Aluminum, Concrete, Galvanizing And Masonry
- Chemical Resistant
- Early Rust Resistant
- Outstanding Exterior Durability
- Early Moisture Resistant

Physical Properties

Properties	Test Method/ Requirements	Value
Standard Colors:		RCS 31 – WHITE RCS 32 – GRAY RCS 33 – RED
Volume Solids:		37% +/- 2%
Weight Solids:		50% +/- 2%
VOC:		<150 G/L; 1.25 LB/GAL
Flash Point:	When properly stored	>200°F, PMCC

Recommended

Conditions

Temperature:	50°F minimum, 120°F maximum (air, surface and material) At least 5°F above dew point
Relative Humidity:	85% maximum
Surface Preparation:	Surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint and other contaminants to ensure adequate adhesion.

RCS 30 Direct To Metal Acrylic Primer is extremely sensitive to hydrocarbon containing solvents. When cleaning the surface, use only an emulsifying industrial detergent, followed by a water rinse.

Stripe coat all crevices, welds, and sharp edges to protect against early failure in these areas. For best results on rusty surfaces, always apply first coat by brush. When using spray application, use a 50% overlap with each pass of the gun to avoid bare areas and pinholes. If necessary, cross spray at a right angle. During the early stages of drying, the coating is sensitive to rain, dew, high humidity and moisture condensation. Never apply if inclement weather is imminent.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions and excessive film build.

Recommended Product Application

Steel, Aluminum And Galvanized:

1 coat **RCS 30 DTM Acrylic Primer** @ 2.5 – 5.0 mils dft
Approximately ¼ - ½ gal./sq (100 sf)

Recommended Spreading Rate Per Coat:

Wet Mil	5.0 – 10.0
Dry Mil	2.5 – 5.0
Coverage:	150 – 250 Sqft/Gal Approx.
Note: brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.	

Drying Schedule @ 6.0 Mil Wet @ 50% Rh:

	@55°F	@70°F	@120°F
To Touch	1 Hour	40 Minutes	20 Minutes
Tack Free	6 Hours	4 Hours	2 Hours
To Recoat	8 Hours	4 Hours	2 Hours
To Cure	45 Days	30 Days	14 Days

Storage:

Store in a well-ventilated, dry area. Keep container closed when not in use. Keep out of reach from children.

Personal Protection:

Use safety glasses and chemically resistant gloves when handling materials.



RESTORATION™ COATING SYSTEM

RCS™ -30
Direct to Metal Primer

Rev. Date 1/9/12

First Aid:

INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE AND SKIN IRRITATION.

Inhalation: Move person to fresh air. If breathing is difficult, give oxygen. Consult a physician.

Eye Contact: IMMEDIATELY flush eyes with plenty of water for 15 minutes. Get prompt medical attention.

Skin Contact: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion: DO NOT INDUCE VOMITING. Get medical attention immediately.

DISCLAIMER

The data presented herein is not intended for use by nonprofessional applicators, or those persons who do not purchase or utilize this product in the normal course of their business. The potential user must perform any pertinent tests in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility of the buyer.

All guarantees and warranties as to products supplied by Lapolla Industries shall have only those guarantees and warranties expressed in writing by the manufacturer. The buyer's sole remedy as to any material claims will be against the applicator of the product. The aforementioned data on this product is to be used as a guide and is subject to change without notice. The information herein is believed to be reliable, but unknown risks may be present. **NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING PATENT WARRANTIES OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR USE, ARE MADE BY LAPOLLA WITH RESPECT TO OUR PRODUCTS OR INFORMATION SET FORTH HEREIN.**

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Lapolla Industries, Inc. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Lapolla Industries, Inc.'s quality control. We assume no responsibility for coverage, performance or injuries resulting from use.

