



# RESTORATION™ COATING SYSTEM

## RCS 30 DTM ACRYLIC PRIMER

### PRODUCT DESIGN

**RCS-30 DTM Acrylic Primer™** is 100% acrylic emulsion, waterborne and 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's **RCS-5000 Restoration Coating System™** 100% Acrylic Elastomeric Roof Coatings.

### PRODUCT USE

**RCS-30™** is formulated for use over prepared steel, aluminum or galvanized metal to promote adhesion for the **RCS-5000 Restoration Coating System™**.

### PRODUCT APPLICATION

#### **Recommended Conditions:**

**Temperature:** 50°F minimum, 120°F maximum  
(air, surface and material)

**Dew Point:** Temperature should not be within  
5°F of Dew Point.

#### **Surface Preparation:**

Surface must be clean, dry and will adhere to substrate. Remove oil, dust, dirt, loose rust, peeling paint and other contaminants to ensure adequate adhesion.

Stripe coat all crevices, welds, fasteners and edges for additional protection. 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, and moisture condensation. Never apply if inclement weather is imminent.

Spreading rates are calculated on volume solids and do not account for application loss factor due to surface profile, roughness or porosity of the surface, method of

### PRODUCT APPLICATION (Continued)

application, surface irregularities, spillage or wind.

#### **Recommended Product Application:**

##### **STEEL, ALUMINUM and GALVANIZED:**

1 coat **RCS-30 DTM Acrylic Primer™** @ 2.0 – 2.5 mils dft  
Approximately 1/4 – 1/2 gal./sq (100 sf)

#### **RECOMMENDED SPREADING RATE PER COAT:**

WET MILS 6.0  
DRY MILS 2.2

**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 MILS WET @ 50% RH:**

	@55°F	@77°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

### PRODUCT ADVANTAGES

- 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**

<b>AVAILABLE COLORS:</b>	RCS 31 – WHITE RCS 32 – GRAY
<b>WEIGHT SOLIDS:</b>	50% ± 2%
<b>VOLUME SOLIDS:</b>	37% ± 2%
<b>VOC:</b>	<150 G/L; 1.25 LB/GAL
<b>FLASH POINT:</b>	>200°F, PMCC

**MATERIAL SAFETY & HANDLING****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.

**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.** Give 2 glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Consult a physician.

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