

# RCS™ 5500

# RESTORATION™ COATING SYSTEM

## 100% Acrylic Elastomeric Primer for TPO Membranes

Rev. Date 09/14/15

### Product Description

**RCS 5500 RESTORATION COATING SYSTEM™** is a specially formulated primer for use on TPO membrane systems which are in need of repair or restoration. A final basecoat and topcoat using **RCS 5000** must then be used to complete the coating system.

The average temperature and potentially devastating effects of Ultra Violet Rays and extreme weathering are minimized by the **RCS 5000** basecoat and topcoat which completes this coating system. This reflective system can provide an economical option to roof replacement, provide energy savings and sustainable, monolithic performance.

**RCS 5500** is formulated for application as a primer, specifically for TPO membranes.

### Performance Characteristics

- Environmentally safe
- Excellent adhesion to tpo membranes

Product Characteristics:	
Standard Colors:	RCS 5501 – WHITE RCS 5502 – GRAY
Texture:	Smooth
Grade:	Spray or Roll
Base:	100% Acrylic

### Product Application

All surfaces should be dry, clean and free from foreign matter. **RCS 5500** can be applied by brush, roller or sprayer. Although coverage can vary significantly with each application, general recommendations are 1.5 gallons per 100 square feet. Product cleans up easily with water. For further application details, please contact manufacturer to obtain a Roof Application Guide. Do not apply when temperatures are below 50°F, expected to drop below freezing or when rain is forecast. Do not store in areas that may be subjected to freezing temperatures. **RCS-5500** is not intended for use in areas with ponding water. Adequate drainage and a minimum slope of 1/8th inch per foot is required.

Contact Lapolla Industries Technical Service personnel for specific recommendations, pricing and availability of spray and auxiliary equipment.

### 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.

### Rinse Water Disposal:

This material, when fully diluted, may safely be diverted to the soil surface. Landscaping foliage should be rinsed clean of all residues to reduce risk to plant life. Keep rinse water out of open bodies of water, including ditches, streams, ponds and municipal storm sewers as it is potentially toxic to fish and aquatic life.

### 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.

Properties	Test Method/ Requirements	Value
Solids By Weight:	ASTM D1644	66% (+/- 3)
Solids By Volume:	ASTM D2697	52% (+/- 3)
Weight Per Gallon:	ASTM D1475	11.80 (+/- .2)
Tensile Strength:	ASTM D412	240psi (+/- 25)
Elongation:	ASTM D412	180% (+/- 25)
Tear Resistance:	ASTM D624	79 lbs/in. (+/- 2)
Adhesion:	ASTM C794 / D903	Aged TPO, Dry, PLI 2.5A
		Aged TPO, Wet, PLI 1.5F
Permeance:	ASTM D1653A	7 U.S. Perms @ 20mils
Viscosity:	120 K.U. (+/- 8)	

**SHELF LIFE:** One year from manufactured date when stored properly.

### Packaging

**U.S. MEASURES:** 5-gal. pails, 55-gal. drums & 275-gal. totes.

**WEIGHT PER U.S. GALLON:** 11.65 lbs.

### General Health & Safety Precautions

This product is intended for use by trained professional personnel. Safety Data Sheets are available and any individual who may come in contact with these products should read and understand the S.D.S. In case of emergency contact **CARECHEM EMERGENCY NUMBER at (866) 928-1789.**

**WARNING:** Avoid eye contact with the liquid or spray mist. Applicators should wear protective clothing, gloves and use protective equipment on face, hands and other exposed areas.

**EYE PROTECTION:** Safety glasses, goggles, or a face shield are recommended.

**SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing. **RESPIRATORY PROTECTION is MANDATORY!** Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact Lapolla for a copy of the Respiratory Protection Program developed by OSHA. **INGESTION:** Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

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