



RESTORATION™ COATING SYSTEM

RCS 5000 SERIES

PRODUCT DESIGN

RCS-5000 Restoration Coating System™ is a highly reflective, 100% Acrylic Elastomeric Roof Coating. By applying **RCS-5000™** directly to metal and most conventional roofing systems, the average temperature and potentially devastating effects of Ultra Violet Rays and extreme weathering are minimized. This reflective system can provide an economical option to roof replacement, provide energy savings and sustainable, monolithic performance. Viable substrates include built-up, modified bitumen, concrete, metal and single-ply.

PRODUCT USE

RCS-5000™ is formulated for application over metal and most existing conventional roofing systems.

PRODUCT APPLICATION

All surfaces should be dry, clean and free from foreign matter. **RCS-5000™** can be applied by brush, roller or sprayer. Although coverage can vary significantly with each application, general recommendations are a minimum of 3 gallons per 100 square feet applied in 2 coats allowing each coat to cure prior to subsequent coat. Product cleans up easily with water. For further application details, please contact Customer Service 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.

WARRANTY

Warranties are available for **RCS-5000™** in 5 (five) and 10 (ten) year increments. Contact a LaPolla Industries, Inc. customer service representative for further details.

PRODUCT ADVANTAGES

- ENVIRONMENTALLY SAFE
- UL APPROVED
- EXCELLENT ADHESION
- EXCELLENT DIRT RESISTANCE
- MEETS CALIFORNIA TITLE 24
- QUICKSET VERSIONS AVAILABLE
- FIELD APPLIED AND PROVEN SINCE 1977

PHYSICAL PROPERTIES

STANDARD COLORS:	RCS 5001 – WHITE RCS 5002 – GRAY RCS 5003 – TAN
TEXTURE:	Smooth
GRADE:	Spray or Roll
BASE:	100% Acrylic
SOLIDS BY WEIGHT:	67% (±3) [ASTM D1644]
SOLIDS BY VOLUME:	55% (±3) [ASTM D2697]
WEIGHT PER GALLON:	11.95 (± .2) [ASTM D1475]
TENSILE STRENGTH:	300psi (±25) [ASTM D412]
ELONGATION:	260% (±25) [ASTM D412]
DUROMETER HARDNESS:	62 Shore A (±2) [ASTM D2240]
TEAR RESISTANCE:	85 lbs/in. (±2) [ASTM D624]
ADHESION:	[ASTM C794 / D903] 7.0 plf PUF(dry) 3.6 plf PUF(wet) 1.4 plf Galv. Steel (dry) 3.0 plf Galv. Steel (wet)
PERMEANCE:	11 U.S. Perms @ 20mils [ASTM D1653A]
VISCOSITY:	110 K.U. (±8)
CODES/APPROVALS:	Energy Star, ICC, UL, CRRR, ASTM D6083
REFLECTIVITY:	NEW: 85% AGED: 78%

MATERIAL SAFETY & HANDLING

Storage:

The minimum recommended storage temperature for this material is between 13°C/55°F and 32°C/90°F. Keep from freezing, material may coagulate.

Personal Protection:

Use safety glasses and chemically resistant gloves when handling materials.

FIRST AID

Inhalation: Move to fresh air. Consult a physician.

Eye Contact: Irrigate with water for 15 minutes. Consult a physician if irritation persists.

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

Ingestion: If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.



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