

RESTORATION™ COATING SYSTEM

RCS™ -5500
100% Acrylic Elastomeric
Primer for TPO Membranes

Product Design

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. Manufactured using the highest quality and most technologically advanced, 100% Acrylic Resins, **RCS 5500** is a water-based, non-toxic primer developed specifically for use on TPO membranes.

Product Use

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

Product Advantages

- Environmentally safe
- Excellent adhesion to tpo membranes

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.

Warranty

Warranties for the **RCS 5000/RCS 5500** are available in 5 (five) year increments. Contact a Lapolla Industries, Inc. customer service representative for further details.

| Properties | Test Method/ Requirements | Value |
|--------------------|---------------------------|--|
| Standard Colors: | | RCS 5501 – WHITE RCS 5502 – GRAY |
| Texture: | | Smooth |
| Grade: | | Spray or Roll |
| Base: | | 100% Acrylic |
| 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) |

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.



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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.

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