



RCS™ 40
TECHNICAL DATA SHEET

Rinseable Primer

Product Description

RCS 40 Rinseable Primer is a surface treatment solution that alters the surface chemistry of EPDM membranes to dramatically improve adhesion of Huntsman Building Solutions Coating's RCS 5000 Restoration Coating System™, 100% Acrylic Elastomeric Roof Coatings.

RCS 40 is formulated to prepare new and aged EPDM membranes for coating with the RCS 5000 Restoration Coating System™. The usage rate for RCS 40 Rinseable Primer is 500 sq.ft. per U.S. gallon. Clean spray equipment, tools and protective gear with warm soapy water.

Performance Characteristics

- Promotes adhesion of RCS 5000 Restoration Coating System™ to both new and aged EPDM membranes.
- Environmentally safe (diluted rinse water).
- Easy to apply.
- Easy soap and water clean-up.
- Cleans and primes in one step.
- Eliminates the need for an interface primer.

Product Characteristics:

Appearance / Color:	Clear to pink liquid
Generic Type:	Anionic/nonionic surfactant mixture (proprietary), inorganic salts and water. This product contains phosphates (5.1% By weight).
VOC:	None
Flash Point:	Non-combustible
Viscosity:	Same as water
Environmental Statement:	Do not discharge undiluted RCS 40 in open bodies of water. See rinse water notification.

Product Application

Apply RCS 40 Rinseable Primer directly to the EPDM membrane and allow to stand for a minimum of five (5) minutes. Remove with a power washer. Except for extremely soiled substrates, no pre-cleaning before application of RCS 40 Rinseable Primer is required. Spray apply with a garden-agricultural type sprayer or conventional airless spray equipment. RCS 40 may also be applied with a mop.

RCS 40 Rinseable Primer is a high pH solution. Prolonged contact with skin will cause caustic burns. Read SDS and wear recommended personal protective equipment. Due to its high pH, RCS 40 is corrosive to certain substrates. Any overspray on metal, wood or plastic should be immediately power washed with clean water. Allow RCS 40 to stand on the EPDM membrane for at least five (5) minutes. Power wash with a minimum 2500 psi to remove the RCS 40 and all existing dirt, biological growth and other foreign debris. You will notice fine mica particles on the altered surface. This is a loosened release agent from the EPDM membrane. Complete removal of this material is also critical to achieve desired adhesion results with RCS 5000 Restoration Coating System™. The clean, "chemically altered" EPDM membrane should have a jet-black appearance. After five (5) minutes, it is safe to remove whether the solution is still wet or dry.

RCS 40 treated EPDM must be top coated with Lapolla Coatings' RCS 5000 Restoration Coating System™ 100% Acrylic Elastomeric Roof Coatings. RCS 40 and RCS 5000 work synergistically with each other. Satisfactory adhesion results are not achieved if EPDM is coated with similar "generic" roof coatings. RCS 40 was developed specifically for use on EPDM rubber membranes. Use on other single ply membranes has not been fully studied and is not currently recommended.

Contact Huntsman Building Solutions 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.

SHELF LIFE: Two years 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) 928-0789.

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 Huntsman Building Solutions 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.

DISCLAIMERS

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