



RCS 40

Restoration Coating System
Rinseable Primer
Rev. Date 01/01/09

Product Design

Restoration Coating System 40 Rinseable Primer is a low viscosity, sprayable liquid used to pretreat black EPDM rubber roof membrane prior to power washing and application of the roof coating.

Product Use

RCS 40 is specifically formulated to clean and condition EPDM rubber membranes to properly receive RCS acrylic coating, ensuring excellent adhesion to new and aged EPDM membranes.

Product Application

Apply RCS 40 with a Hudson-type agricultural, conventional pressures, or airless sprayer at an application rate of 500 square feet/gallon using a 3-4 foot arc pattern.

Allow RCS 40 rinseable primer to stand for 5 to 10 minutes, depending on temperature. Cooler temperatures may require a longer standing time.

Clean EPDM with a commercial power washer using 2000-3500 psi. When cleaning the EPDM, it should be done slowly and close to surface in order to remove mica and inorganic release agents. Rinse thoroughly with power washer. The rinse step may be done at a faster pace than the cleaning step. The final rinse water should be clear with no soap bubbles present. The EPDM will range from muddy brown to black after washing with RCS 40 rinseable primer. Allow surface to dry thoroughly before beginning coating application.

Processing Parameters

RCS 40 is a water-based primer which will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50°F. Do not apply RCS 40 when ambient air and substrate temperatures fall below 50°F or when there is a possibility of temperature dropping below 32°F within a 24-hour period after application.

Physical Properties

Properties	Test Method/ Requirements	Value
Standard Colors:		Translucent Pink
Application Rate:		500 s.f./gal.
Weight per Gallon:		11.40 (± .2)
Dry to Touch:		90 minutes
Shelf Life:	When properly stored	6 months

Limitations and Precautions

Restoration Coating System 40 Rinseable Primer is a high pH product. Due to the high pH level, protective clothing, rubber boots, gloves, and goggles are required during application. Take precautions to protect vehicles and persons below work areas from overspray of primer during application and during the rinsing process. Do not use RCS 40 on aluminum or other metal, as etching of the metal will occur. Thoroughly read the MSDS. Ensure proper drainage. Lapolla advocates the use of prudent judgment regarding the release of roof rinses containing EPDM roof primer RCS 40 into the environment.

General Safety, Toxicity, Health Data

Material Safety Data Sheets are available on this coating material. Any individual who may come in contact with these products should read and understand the M.S.D.S. In case of emergency contact CHEMTREC EMERGENCY NUMBER at 800-424-9300.

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

CLEAN UP: Water

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 Model Respiratory Protection Program developed by API.

INGESTION: Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.





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