



RCS™ 6000
TECHNICAL DATA SHEET

Roof Shingle Sealer

Product Description

RCS 6000 Shingle Sealer is a premium quality acrylic emulsion that is designed to penetrate and bond to shingles to seal granules down and beautify the roof. The fully cured film dries to an attractive satin gloss finish that cleans easily with water and mild detergent.

RCS 6000 100% acrylic latex formulated to seal, protect and preserve roof shingles to extend the life of the roof.

Performance Characteristics

- Low toxicity and odor (environmentally safe)
- Easy soap and water clean-up (user friendly)
- Excellent adhesion and durability
- Resists cracking and chipping
- Mildew and algae resistant
- Non yellowing
- Alkali resistant
- Easy to apply

Product Characteristics

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Standard Colors:	Clear / Semi Gloss / 65 Units @ 60° (non-porous substrate)
Percent Solids by Weight:	25.00%
Percent Solids by Volume:	25.00%
VOC:	< 2.05lbs/gal (250 g/l)
Flash Point:	Non-combustible
Viscosity:	100 CPS
Environmental Statement:	Complies with U.S. Federal Regulations concerning use of lead and/or mercury in paint
Thinning:	Do not thin. Thinning will adversely affect application and product performance.
Recommended Wet Film Per Coat:	7.5 - 10 mils
Recommended Dry Film Per Coat:	3 - 4 mils
Spread Rate:	Apply at a rate of 400 to 600 square feet per U.S. gallon per coat.
Drying Time @ 77°F/ 50% R.h.:	To touch: 1/2 hours To recoat: 2 hours
Shelf Life:	One (1) year from manufactured date when stored properly.

Application Equipment

Brush: Polyester/Nylon recommended

Roller: 3/8" Polyester nap or greater

Airless Spray: Equipment capable of maintaining a minimum of 0.013-0.017 orifice tips with 2500 psi at the tip. Filter screens should be sixty (60) mesh or larger.

Surface Preparation

All surfaces must be clean, dry and sound; free from loose and peeling paint, dirt, efflorescence, grease, oil, wax, curing agents, mildew, and other detrimental foreign matter that will adversely affect adhesion and product performance. When appropriate, pressure wash to remove surface contaminants. Wire-brush, scrape, sand, or use other methods to prepare the substrate where still necessary. Ensure removal of all mildew and other organic growth. Use a commercial mildew wash where necessary.

Application Guidelines

RCS™ 6000 requires complete evaporation of water to cure. Lower temperatures and higher humidity prolong drying and cure time.

Apply only when air, surface and product temperatures are between 45°F and 90°F. Do not apply when temperatures may drop below the dew point or below 40°F within 24 hours after application.

Do not apply when the relative humidity is greater than 90% or when rain is expected. RCS™ 6000 must dry at least 4 hours before next exposure to moisture.

Apply two or more coats to previously unsealed substrates for maximum durability and service life expectancy. Coverage will vary depending upon method of application, surface irregularities and porosity of substrate.

CLEAN UP: Promptly clean tools and equipment with warm soapy water. Flush spray equipment with solvent after cleaning to remove moisture and prevent corrosion. (Follow equipment manufacturer's safety precautions.)

Packaging

U.S. MEASURES: 1-gal. pails & 5-gal. pails
WEIGHT PER U.S. GALLON: 8.4 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 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.

DISCLAIMERS

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