



SEAL N KURE 30 CR

High Solids, Chlorinated Rubber Curing and Sealing Compound

1. Product Description

a. **Basic Use:** Seal N Kure 30 CR is a high solids, chlorinated rubber liquid designed to give heavy-duty protection and proper curing to green concrete. It is available in both clear and pigmented formulations. Seal N Kure 30 acts as an efficient moisture barrier to allow concrete to develop its highest strength potential during the curing process. Seal N Kure 30 CR provides a hard film for excellent sealing properties on both new and old concrete.

b. Features/Benefits:

- Architectural formulations for colored concrete hardened with Floor Quartz and/or Metalplate Plus.
- High solids for the ultimate in curing efficiency.
- Available in colored formulations for new and old concrete applications.
- Provides curing, sealing, hardening and dustproofing in one step.
- Appropriate for both inside and outside applications.
- Increases concrete durability.
- Helps protect concrete during construction.
- Glossy appearance that is easy to maintain.

c. **Typical Applications:** Industrial floors, parking garages, pavements, sidewalks, warehouses, exposed aggregate concrete and colored architectural concrete.

d. **Limitations:** Do not use Seal N Kure 30 CR below 40°F (4°C). Seal N Kure 30 CR, clear formulation, may yellow slightly when exposed to ultraviolet light. Applicators should wear protective masks designed for solvent fumes. Use in a well-ventilated area. Keep away from open flames. Do not use over concrete to receive coatings or toppings later. For water-based, VOC compliant material, see Metcure 30.

e. **Composition:** Seal N Kure 30 CR is a chlorinated rubber resin formulated with hydrocarbon solvent, pigments and proprietary chemical additives.

f. **Color/Appearance:** Seal N Kure 30 CR forms a glossy film. Available in standard colors including clear, light reflective, french gray, battleship gray, black, brown, tile red, terra cotta and green. Seal N Kure 30 CR is also available in 21 special architectural colors.

2. Packaging

Seal N Kure 30 CR is packaged in 1-gal. (3.8 liter) cans (4 cans per case), 5-gal. (18.9 liter) pails, and 55-gal. (208 liter) drums.

3. Estimating/Coverage

Coverage rates will depend on the surface texture of the concrete as well as concrete porosity. Approximate rates are:

<i>Use</i>	<i>Broom or Float Finish</i>	<i>Trowel/Smooth Finish</i>
<i>Curing/Sealing Green Concrete</i>	<i>375 sq. ft./gal. (9.2 sq. m/liter)</i>	<i>450 sq. ft./gal. (11.0 sq. m/liter)</i>
<i>Sealing/Dustproofing Old Concrete</i>	<i>400 sq. ft./gal. (9.8 sq. m/liter)</i>	<i>475 sq. ft./gal. (11.6 sq. m/liter)</i>
<i>Anti-Spall Treatment</i>	<i>300 sq. ft./gal. (7.4 sq. m/liter)</i>	<i>N/A</i>

Two coats may be applied where extra protection is desired. Heavy build-ups should be avoided.

4. Technical Data

a. Applicable Standards:

- ASTM C 309, Standard Specification for Liquid Membrane Forming Compounds for Curing Concrete, Type 1 - D, Class A & B.
- AASHTO M-148, Type 1, Class A & B.
- Federal Specification TTC-0800a, Type 1.

b. **Solids:** 33%.

c. **Drying Time:** 1 hour.

d. **Re-Coat Time:** 2 to 3 hours.

e. **Dry Film Thickness:** 1.5 mils (0.04 mm) at 375 sq. ft./gal. (9.2 sq. m/liter).

f. **Flash Point:** 108°F (42°C).

g. **Ultraviolet Resistance:** Excellent

h. **Adhesion to Concrete:** Excellent

i. **Alkali Resistance:** Excellent

j. **Blush Resistance:** Excellent

k. **Acid Resistance:** Good

l. **Solvent Resistance:** Poor

m. **Compatibility:** When applying under adhesives or glues, check for compatibility with a small test area or contact Metalcrete Industries for guidance.

5. Directions for Use

a. **Preparation:** Green concrete must be firm and free of any standing bleed water. Old concrete must be clean and free of oil, grease, and loose debris. Vacuum, sweep or power wash to produce a clean surface. Allow to dry. Remove any previously applied loose or unbonded paint or coatings from the base concrete.

b. **Ambient Conditions:** Concrete and air temperatures must be 40°F (4°C) or higher.

c. **Material Application:** Seal N Kure 30 CR may be applied by power sprayer, roller or lambs wool applicator. Most hand pump sprayers will not develop enough pressure to spray Seal N Kure 30 CR effectively. Use material directly out of the container and apply uniformly and evenly. Lap material within 15 minutes for best results. Follow recommended coverage rates. For best results, avoid heavy build-ups.

d. **Clean-Up:** Use DL Solvent to clean up tools and equipment.

e. **Storage/Shelf Life:** Seal N Kure 30 CR is classified as combustible and should be stored accordingly. Shelf life is 18 months.

f. **Maintenance:** Seal N Kure 30 CR will wear off over time under heavy traffic. Periodic reapplication is recommended.

6. Availability

Seal N Kure 30 CR is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Seal N Kure 30 CR is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries

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