



SEAL N KURE 30

*High Solids, Acrylic Curing
and Sealing Compound*

1. Product Description

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

b. Features/Benefits:

- High solids for the ultimate in curing efficiency.
- Extended coverage rates for economical use.
- Available in colored formulations.
- 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, clear appearance that resists yellowing.
- Special conductive formulation for static dissipating floors.

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

d. **Limitations:** Do not use Seal N Kure 30 below 32°F (0°C). 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 is an acrylic resin formulated with hydrocarbon solvent and proprietary chemical additives.

f. **Color/Appearance:** Seal N Kure 30 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 conductive* is available only in black. For best results, avoid heavy build-ups.

2. Packaging

Seal N Kure 30 is packaged in 1-gal. (3.8 liter) cans (4cans 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:

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

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 I, Class A & B.
- ASTM C-1315, Type 1, Class A.
- AASHTO M-148, Type 1, Class A & B.
- Federal Specification TTC-0800a, Type 1.

b. **Solids:** 30%.

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 paint or coatings.

b. **Ambient Conditions:** Concrete and air temperatures must be 32°F (0°C) or higher.

c. **Material Application:** Seal N Kure 30 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 effectively. Use material directly out of the container and apply uniformly and evenly. Avoid heavy buildups. Lap material within 15 minutes for best results. Follow recommended coverage rates.

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

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

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

6. Availability

Seal N Kure 30 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 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.



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