



KINGDOM CURE

VOC COMPLIANT, UV RESISTANT, CURING AND SEALING COMPOUND
 TECHNICAL DATA & APPLICATION INSTRUCTION

PRODUCT DESCRIPTION

Kingdom Cure is a VOC compliant, UV resistant, low viscosity 25% solids solvent based acrylic curing and sealing compound, as well as a dust-proofer for concrete surfaces. **Kingdom Cure** offers improved resistance to rain, sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. **Kingdom Cure** forms a superior moisture retentive film on freshly placed concrete. Provides excellent protection and color enhancement for decorative concrete.

BENEFITS/FEATURES

Can be used as a means of dustproofing most concrete surfaces-It's low viscosity formula makes this product very easy to spray. Formulated with ease of use in mind, it sprays or rolls out smooth with no roller streaks. It's ease of use, UV resistant medium gloss, and low cost make this a contractor's favorite.

RECOMMENDED APPLICATIONS

Kingdom Cure is recommended for both interior and exterior freshly placed, finished, and aged concrete where a medium gloss solvent based curing and sealing compound is specified.

TECHNICAL INFORMATION

Solids.....25%	Wet Appearance.....Clear
Drying Time.....1 - 2 hours	Dry Appearance.....Clear with Medium Gloss
Re-Coat Time.....4 - 24 hours	VOC Content.....<350 g/l
Foot Traffic.....4 - 6 hours	Blush Resistance.....Superior
Wheel Traffic.....24 - 48 hours	Solvent Resistance.....Minimal
Application Temp.....40°F - 85°F	Concrete Adhesion.....Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B *ASTM C 1315, Type 1, Class A AASHTO Specification M-148, Type 1, Class A & B DRIED COATING IS USDA ACCEPTED
 This product complies with federal AIM Rule VOC regulations and with VOC standards in Ohio, Illinois, Maryland, New York, New Jersey, Delaware, Pennsylvania, Maine, New Hampshire, Virginia, and the District of Columbia. *Does not meet Flashpoint requirement for ASTM C 1315

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New (unsealed) concrete	250-350 ft ²	350-400 ft ²
Old (sealed) concrete	350-400 ft ²	350-400 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

Kingdom Cure has a shelf life of up to two years in it's original, sealed, unopened container.

PACKAGING

Kingdom Cure is packaged in 1 gallon, 5 gallon pails and 55 gallon drums.

INSTRUCTIONS FOR USE

SURFACE PREPARATION: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature de-lamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Stir well before using. Material may separate during long term storage.

APPLICATION: Apply using an 3/8" long nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. If applying by spray method, extended coverage rates may be achieved, but be aware that less material will be applied and inadequate film formation or performance expectations may be limited.

CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ▶ **Kingdom Cure** will not freeze during storage, however, allow temperature to rise to 50 degrees F prior to application.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed.
- ▶ Keep away from open flames. **Kingdom Cure** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **Kingdom Cure** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Kingdom Cure** was designed as a cure & seal and to be applied in one-two medium coats, not one thick coat.
- ▶ Please be aware that this product when cured may be slippery when wet.
- ▶ **Kingdom Cure** is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin **Kingdom Cure** . Improper thinning may cause sealer to delaminate in a short time frame.
- ▶ **Kingdom Cure** may darken the surface of many new and existing concrete slabs. Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use.

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