



REGAL GLOSS

100% PURE ACRYLIC, NON-YELLOWING HIGH-GLOSS LACQUER TECHNICAL DATA & APPLICATION INSTRUCTION

PRODUCT DESCRIPTION

Regal Gloss is a high gloss, non-yellowing, pure acrylic concrete lacquer style sealer designed for cured decorative concrete. **Regal Gloss** offers improved resistance to rain, the sun, freezing temperatures, stains and other pollutants that sometimes can be hazardous to concrete. Applying **Regal Gloss** to exposed aggregate will also help to eliminate loose pebbles and premature wear. **Regal Gloss** can be considered an ultimate multi-use concrete sealer.

BENEFITS/FEATURES

- Can be used as a means of dustproofing most cured concrete surfaces.
- Due to the 100% pure acrylic formula, this product will not yellow under ultraviolet exposure.
- Fast drying time highly reduces the risk of trapped solvent or other types of moisture issues.
- Easy to use ▪ High Gloss Appearance ▪ Pigment Packs Available

RECOMMENDED APPLICATIONS

Regal Gloss is recommended for use on cured Decorative Concrete. Stamped, Stenciled Concrete, Acid Stained and Exposed Aggregate.

TECHNICAL INFORMATION

Solids.....	25%	Wet Appearance.....	Clear to lightly cloudy
Drying Time.....	.30 min - 1 hour	Dry Appearance.....	Clear and High Gloss
Re-Coat Time.....	.4 - 24 hours	VOC Content.....	<350g/L
Foot Traffic.....	.4 - 6 hours	Blush Resistance.....	Good
Wheel Traffic.....	.24 - 48 hours	Solvent Resistance.....	Minimal
Full Cure.....	.7 Days	Concrete Adhesion.....	Excellent
Application Temp.....	40°F - 85°F		

***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 1315, Type 1, Class A ASTM C 309, 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

Application Surface	First Coat	Optional Second Coat
Fresh Concrete (green-same day)	not recommended	not recommended
Cured Decorative Concrete	200-250 sq ft/gallon	300-350 sq ft/gallon
Cured Standard Concrete	not recommended	not recommended

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

SHELF LIFE & PACKAGING

Regal Gloss has a shelf life of up to two years in it's original, sealed, unopened container. **Regal Gloss** is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

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.

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 a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. A Chapin style solvent resistant sprayer may be used as well. Do not allow to Puddle! 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.

RESEAL: Clean the surface thoroughly with clean water and a mild detergent or *Kingdom Products' Majestic Concrete Surface Prep*, coupled with agitation, to ensure that the surface is free of all bond breaking contaminants. Allow the surface to dry completely. Spray and/or roller apply *Acetone or a VOC compliant solvent* to the entire surface. This will soften the existing sealer and allow for a better bond with the new sealer. If your sealer has worn unevenly, take this opportunity to spread sealer into areas that have none, reapplying *solvent* as necessary to keep the sealer liquefied. Allow the surface to dry for approximately 2-4 hours and if needed apply sealer as directed above.

CLEAN-UP & PRODUCT REMOVAL

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

- **Regal Gloss** will not freeze during storage, however, allow temperature to rise to 50°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. **Regal Gloss** is flammable and is very susceptible to ignition.
- It is not recommended to apply **Regal Gloss** over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- **Regal Gloss** was designed to be applied in two thin coats, not one thick coat.
- Please be aware that this product when cured, will be slippery when wet.
- **Regal Gloss** is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin **Regal Gloss**. Improper thinning may cause sealer to delaminate in a short time frame.
- **Regal Gloss** may darken the surface of many new and existing concrete slabs. Test prior to use.
- **Regal Gloss** is not designed for use on flatwork. Solvent based sealers will highlight finishing marks in the concrete giving the surface a splotchy appearance.
- Solvent vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point.

SPECIAL NOTES

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

FOR PROFESSIONAL USE ONLY!