



# THE EUCLID CHEMICAL COMPANY

19218 REDWOOD ROAD • Cleveland, OH 44110  
(216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596  
www.euclidchemical.com

## REZ-SEAL®

### ACRYLIC CURING, SEALING, HARDENING AND DUSTPROOFING MEMBRANE

**REZ-SEAL** is an acrylic copolymer that cures concrete and provides a protective coating for interior and exterior concrete including terrazzo surfaces. It bonds tenaciously to concrete forming an inert, impervious film that is resistant to the alkali from fresh cement, salts and many construction stains. It seals the top surface of a floor making it resistant to the penetration of dirt and staining materials.

#### PRIMARY APPLICATIONS

- Industrial floor slabs
- Exterior pavements
- Walls and columns
- Concrete toppings
- Interior and exterior concrete surfaces
- Parking garages
- Warehouses
- Dry shake floors

#### FEATURES/BENEFITS

- Provides a transparent curing film for new concrete
- Seals all concrete surfaces providing a glossy appearance and easier clean-up
- Hardens new concrete by promoting a proper cure for improved abrasion resistance
- Dustproofs concrete with tough durable film
- Compatible with many line striping paints, mastics and resilient floor coverings (see Precautions/Limitations)

#### SPECIFICATIONS/COMPLIANCES

- ASTM C-309, Types 1 & 1D, Class A & B
- Resilient Tile Institute Specifications
- AASHTO Specification M-148, Types 1 & 1D
- Acceptable for U.S.D.A. approval
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum V.O.C. content of 700 g/l

#### PACKAGING

REZ-SEAL is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 4/1 gal (3.8 liter) units per case.

#### TECHNICAL INFORMATION

##### Typical Engineering Data

The following results were developed under laboratory conditions.

- Drying Time\* at 73°F, 50% RH:**.....< 1 hour
- Recoat:**.....2-24 hours
- Foot Traffic:**.....2-4 hours
- Wheel Traffic:**.....6-10 hours
- VOC Content:**.....696 g/l
- Adhesion to Concrete:**.....excellent
- Adhesion of Asphalt Tile:**.....passes
- Alkali Resistance:**
  - 48 hour exposure:.....excellent
- Solvent Resistance:**.....minimal
- Resistance to Discoloration:**.....moderate

\*Low concrete or air temperature and/or high relative humidity will extend drying times.

**Shelf life:** 2 years in original, unopened container.

##### Appearance

REZ-SEAL is a slightly amber liquid. After application and drying, REZ-SEAL offers a clear, slightly glossy film. The product may yellow slightly if applied too thick. Follow recommended coverage rate.

#### COVERAGE

Coverage Rates Purpose of Application	ft <sup>2</sup> /gallon (m <sup>2</sup> /liter)	
	First Coat	Optional Second Coat
Curing and Sealing New Concrete	300 - 350 (7.4 - 8.6)	350 - 400 (8.6 - 9.8)
Sealing and Dustproofing Old Concrete*	350 - 400 (8.6 - 9.8)	350 - 400 (8.6 - 9.8)

Coverage rates assume hard troweled floors. Coverage will vary from the above rates depending on surface porosity and texture. Avoid excessive build-up. \*For best protection and appearance, the use of SUPER REZ-SEAL or SUPER DIAMOND CLEAR is recommended for sealing old concrete.

## DIRECTIONS FOR USE

**Surface Preparation**-The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent adhesion of the REZ-SEAL.

**Mixing**-REZ-SEAL requires no preblending and should be used directly from the container.

**Application**-Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand held "pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short napped, solvent resistant sleeve.

**Curing**-For the best cure of freshly placed concrete, apply REZ-SEAL as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.

**Sealing**-When sealing old concrete, the surface must be thoroughly clean and dry. Pressure washing with a strong alkaline detergent to remove dirt, waxes, and oil is suggested. Acids will not sufficiently clean or remove dirt, curing compounds, or old sealer from concrete. Worn or porous areas may need a second application for uniform seal and appearance. For best results, use SUPER REZ-SEAL or SUPER DIAMOND CLEAR for sealing old concrete.

## SEALER REMOVAL

Dried, cured sealer may be removed with strong solvents such as xylene, MEK or toluene. Also acceptable are commercial paint strippers. (Always heed directions and warning labels.)

Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

## CLEAN-UP

Tools and equipment may be cleaned with EUCO SOLVENT, xylene, xylol or toluene. Run cleaning solvent through spray equipment to remove residual materials.

## PRECAUTIONS / LIMITATIONS

- Material will not freeze in storage but should be allowed to rise to 50°F (10°C) or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 40°F (4°C).
- Do not apply over bleed water or free standing water.
- Use with adequate ventilation and keep away from open flames. If solvent odor is objectionable, use of a water-based, low odor product, such as AQUA-CURE VOX, may be preferred.
- Block all HVAC ventilation ducts which may distribute solvent odor.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or epoxy adhesives, use of KUREZ DR VOX is recommended for these applications.

- When sealing existing or old concrete, REZ-SEAL may darken and highlight imperfections in hardened concrete surfaces, resulting in a mottled appearance. When sealing old concrete such as driveways and sidewalks, and appearance is critical, the use of SUPER REZ-SEAL or SUPER DIAMOND CLEAR is recommended.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended. Complete membrane removal or the use of KUREZ DR VOX is recommended in areas to receive movable carpet squares.
- Various concrete finishing techniques may result in a surface with high or non-uniform porosity. Adjustment in coverage rate or additional coats of REZ-SEAL may be necessary to compensate for excessive penetration of product.
- For decorative concrete, the use of SUPER DIAMOND CLEAR is suggested for best appearance. Apply two thin coats rather than one heavy application for a high gloss finish.



Rez-Seal 4.03

**WARRANTY:** The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for six (6) months from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.