



THE EUCLID CHEMICAL COMPANY

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SUPER REZ-SEAL

HIGH SOLIDS ACRYLIC CURING, SEALING, HARDENING
AND DUSTPROOFING MEMBRANE

SUPER REZ-SEAL is a high solids acrylic copolymer that cures concrete and provides a protective membrane for interior and exterior concrete including terrazzo surfaces. It bonds tenaciously to concrete forming an inert 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 highly resistant to the penetration of dirt and staining materials.

PRIMARY APPLICATIONS

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

FEATURES/BENEFITS

- High solids content for increased curing efficiency
- Provides a transparent curing film for new concrete
- Seals all concrete surfaces - old or new - providing glossy appearance and easier clean-up
- Hardens new concrete by promoting a proper cure for improved abrasion resistance
- Dustproofs concrete with a tough durable film
- Higher coverage rates than with standard solids formulas

SPECIFICATIONS/COMPLIANCES

- ASTM C-309, Types 1 & 1D, Class B
- ASTM C-1315, Type 1, Class C
- AASHTO Specification M-148, Types 1 & 1D
- Federal Specification TTC-800A
- Resilient Tile Institute Specifications
- 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

SUPER REZ-SEAL is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails.

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
Salt Spray:

500 hours exposure:.....good

VOC Content:.....681 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 time.

Shelf life: 2 years in original, unopened container.

COVERAGE*

Coverage Rates Purpose of Application	ft ² /gallon (m ² /liter)	
	First Coat	Optional Second Coat
Curing and Sealing New Concrete	400 - 450 (9.8-11.0)	450 - 500 (11.0-12.2)
Sealing and Dustproofing Old Concrete	400 - 450 (9.8-11.0)	450 - 500 (11.0-12.2)

* Coverage rates assume hard troweled floors. Coverage will vary from the above rates depending on surface porosity and texture. **AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION AND IMPROPER SEALER PERFORMANCE.**

Appearance

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

DIRECTIONS FOR USE

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

Mixing-SUPER 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 must be sprayed with a high pressure pump-up sprayer equipped with a high solids nozzle, or with an industrial sprayer. If roller applied, use a short napped, solvent resistant sleeve.

Curing-For the best cure of freshly placed concrete, apply SUPER 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.

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 and prevent clogging of nozzle in future use.

PRECAUTIONS / LIMITATIONS

- Material will not freeze in storage but should be allowed to rise to 50°F (10°C) or more before use.
- Avoid excessive build-up.
- 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. distribute solvent odor.

- 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 AQUACURE VOX, may be preferred.
- Block all HVAC ventilation ducts which may
- Spray application of the SUPER REZ-SEAL formula must be done with a high pressure or airless industrial sprayer.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or adhesives. KUREZ DR VOX is recommended for these applications.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended for questionable adhesives. Complete membrane removal or the use of KUREZ DR VOX is recommended in areas to receive movable carpet squares.
- Do not use as a bond breaker for tilt-up construction.
- Do not apply over colored or architectural concrete or stucco walls. SUPER DIAMOND CLEAR is recommended for these applications.
- For best appearance on decorative concrete, the use of SUPER DIAMOND CLEAR is recommended. Two thin coats rather than one heavy application is suggested for a high gloss finish.
- No heavy traffic until the product has cured.
- Do not use in areas subjected to hot grease or oils.
- Not resistant to gasoline or brake fluid.
- For strict compliance with AIM Rule Regulations prescribed by The 1990 Clean Air Act, thinning of this product is not allowed.



Super Rez-Seal 4.03

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