



# THE EUCLID CHEMICAL COMPANY

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## SUPER REZ-SEAL VOX



High Solids, ACRYLIC, V.O.C. Compliant  
Cure and Seal

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**SUPER REZ-SEAL VOX** is a high solids acrylic copolymer emulsion blend that cures concrete and provides a protective membrane for interior and exterior concrete including terrazzo surfaces. It bonds tenaciously to concrete forming a film that is resistant to the alkali from fresh cements and salts. It seals the top surface of a floor improving resistance to dusting and to the penetration of dirt and other materials.

### PRIMARY APPLICATIONS

- Industrial floor slabs • Parking garages
- Concrete floor toppings      • Warehouses
- Walls and columns              • Dry shake floors
- Freight terminals
- Interior and exterior concrete surfaces

### 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 the standard solids formulas
- After SUPER REZ-SEAL VOX has dried and hardened, the product will assist in protecting fresh concrete from rain damage
- Gives a reduced odor alternative to total solvent-based systems

### SPECIFICATIONS/COMPLIANCES

- ASTM C-309, Type 1, Class B
- ASTM C-1315, Type 1, Class C
- AASHTO M-148, Type 1
- Acceptable for U.S.D.A. approval
- This product meets all quality air standards for California, New Jersey and locales with similar clean air restrictions
- 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

### 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:** ..... 325 g/l
- Adhesion to Concrete:**..... excellent
- Adhesion of Asphalt Tile:** ..... passes
- Alkali Resistance:**  
48 hour exposure: ..... excellent
- Solvent Resistance:** ..... minimal
- Shelf life:** 1 year in original, unopened container.

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

#### Appearance

SUPER REZ-SEAL VOX is a white, opaque liquid. After application and drying, the film is clear with a slight glossy appearance.

Product has moderate UV resistance and may discolor in sunlight.

#### COVERAGE

Coverage Rates* Purpose of Application	ft <sup>2</sup> /gallon (m <sup>2</sup> /liter)	
	First Coat	Optional Second Coat
Textured Concrete	300-400 (7.4-9.8)	400-500 (9.8-12.2)
Smooth/Troweled Concrete	350-450 (8.6-11.0)	450-550 (11.0-13.5)

\* 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.**

## **PACKAGING**

SUPER REZ-SEAL VOX is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case.

## **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 VOX.

**Mixing**-Agitate before using. Material may separate during long term storage. Mild agitation is recommended before usage.

**Application**-Apply at a uniform coverage rate by spray or roller application. Product must be sprayed using airless type industrial sprayer. A hand held "pump-up" sprayer will not give sufficient pressure for proper application. If roller applied, use a short napped sleeve.

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

**Sealing**-When sealing old concrete, remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss.

## **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**

Clean tools and equipment with warm, soapy water before sealer dries.

## **PRECAUTIONS/LIMITATIONS**

- Spray application of SUPER REZ-SEAL VOX formula must be done with a high pressure or airless industrial sprayer.
- Some applications of this product may require proper ventilation and/or proper safety equipment. Consult MSDS under Special Protection Information for these requirements.
- Block all HVAC ventilation ducts which may distribute solvent odor.
- Do not apply over concrete that may receive concrete toppings, epoxy coatings or urethane coatings.
- Product quality is reduced if allowed to freeze. Store between 40-50°F (4-10°C).
- For best application results, product temperature should be between 50-100°F (10-38°C) with ambient and surface temperatures between 40-110°F (10-40°C).
- Product has moderate UV resistance and may discolor in sunlight.
- 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 or EUCOSIL is recommended in areas to receive movable carpet squares.
- Do not use as a bond breaker for tilt-up construction.
- Do not subject to rain or water until SUPER REZ-SEAL VOX dries hard [ @ 70°F (21°C)].
- For low odor job requirements, use SUPER AQUA-CURE VOX.
- For strict compliance with AIM Rule Regulations prescribed by The 1990 Clean Air Act, thinning of this product is not allowed.



Form Super Rez-Seal VOX-3.01

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