



# SUPER REZ-SEAL

## SOLVENT-BASED, HIGH-SOLIDS CURE & SEAL FOR CONCRETE

### DESCRIPTION

**SUPER REZ-SEAL** is a high-solids acrylic polymer curing and sealing compound that cures and seals new concrete, providing for proper cement hydration and strength gain, as well as protection from water ingress and abrasive traffic. The high-solids formulation provides increased coverage and a more durable seal.

### PRIMARY APPLICATIONS

- Industrial floor slabs
- Parking garages
- Dry shake floors
- Concrete floor toppings

### FEATURES/BENEFITS

- High solids content for increased coverage and curing efficiency
- Seals all concrete surfaces - old or new - providing glossy appearance and easier clean-up
- Increases durability of new concrete by promoting a proper cure

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

<b>DRY TO TOUCH</b>	< 1 hour
<b>RECOAT</b>	2 hours minimum
<b>FOOT TRAFFIC</b>	2 to 4 hours
<b>WHEEL TRAFFIC</b>	6 to 10 hours

<b>VOC CONTENT</b>	649 g/L
<b>SOLIDS CONTENT (BY WEIGHT)</b>	> 25%
<b>MOISTURE LOSS ASTM C156</b>	< 0.40 kg/m <sup>2</sup>

**Appearance:** SUPER REZ-SEAL is a clear liquid in the container. After application and drying, SUPER REZ-SEAL will greatly darken concrete, and will have a high-gloss finish. This product may yellow when exposed to sunlight or interior UV light. A small test area is strongly recommended to confirm appearance prior to beginning full application.

\*Lower concrete temperatures, lower ambient temperatures, higher relative humidity, or a combination of the above will extend drying times.

### PACKAGING

SUPER REZ-SEAL is packaged in 55 gal (208 L) drums and 5 gal (18.9 L) pails

### SHELF LIFE

3 years in original, unopened container

### SPECIFICATIONS/COMPLIANCES

ASTM C1315, Type 1, Class C  
ASTM C309, Type 1, Classes A & B  
AASHTO Specification M 148, Type 1, Classes A & B

### COVERAGE

<u>Application</u> ft <sup>2</sup> /gal (m <sup>2</sup> /L)	<u>First Coat</u>	<u>Second Coat (Optional)</u>
Curing & Sealing Fresh Concrete	400 to 450 (9.8 to 11.0)	450 to 500 (11.0 to 12.3)
Sealing or Re-sealing Existing/Cured Concrete	400 to 450 (9.8 to 11.0)	450 to 500 (11.0 to 12.3)

**NOTE:** Coverage rates are approximate. Actual coverage depends on temperature, texture, and substrate porosity. **Avoid excessive build-up of sealer, as this may cause discoloration and/or poor product performance.**

## DIRECTIONS FOR USE

**Surface Preparation:** For existing concrete, the surface must be clean of any and all surface contaminants, and free of standing water. If applying SUPER REZ-SEAL to previously sealed concrete, call Euclid Chemical to check compatibility. If the chemical makeup of the previous sealer is unknown, a small test section is strongly recommended to check compatibility between SUPER REZ-SEAL and the old sealer. When applying SUPER REZ-SEAL to freshly poured concrete as a cure & seal, the surface bleed water must be allowed to evaporate prior to applying SUPER REZ-SEAL, and the surface must be hard enough as to not be marred during product application.

**Mixing:** SUPER REZ-SEAL requires no pre-blending prior to use. If using Euclid Universal Color Packs or Euco Grip with this sealer, please refer to those products' technical data sheets for mixing instructions.

**Application:** Apply at the recommended coverage rate using an industrial, solvent-resistant pump-up sprayer with a high-solids nozzle and a short-nap, solvent-resistant roller. Apply sealer uniformly to the concrete using sprayer, then lightly backroll the sealer to ensure even coverage. Maintain a "wet edge" while spraying, and backroll over sprayer lap marks for best appearance. SUPER REZ-SEAL may be applied by roller alone, but extra care must be taken to ensure that the sealer is applied uniformly, and at the proper coverage rate. Redistribute any puddles or runs before SUPER REZ-SEAL dries. Protect freshly coated surfaces from rain or heavy fog for a minimum of 12 hours after application.

Application of SUPER REZ-SEAL too heavily, in too many successive coats, or in multiple coats from re-sealing too frequently can cause bubbling, whitening, peeling, flaking, and ultimately, failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and then measure the corresponding volume of product required based on the coverage rate. In addition, applying SUPER REZ-SEAL in hot weather/direct sunlight or onto a hot surface can cause bubbling.

For additional guidance in applying Euclid Chemical curing and sealing compounds, visit our website to see an instructional video on the procedure.

## CLEAN-UP

Tools and equipment may be cleaned with EUCO SOLVENT, xylene/xylol, or acetone (always follow package directions and warning labels) immediately following use. Clean drips and overspray with one of the above solvents while still wet. Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use. If not cleaned immediately, the sealer may leave an unwanted residue on painted surfaces, glass, or wood.

## REMOVAL

Dried, cured SUPER REZ-SEAL may be removed with a strong solvent such as EUCO SOLVENT, xylene/xylol, or MEK (always follow package directions and warning labels). EUCO CLEAN & STRIP is a citrus-based stripper that can also be used to remove this product. Alternatively, the product can be removed by sandblasting or by other similar mechanical means.

## PRECAUTIONS/LIMITATIONS

- Keep SUPER REZ-SEAL away from open flames, sparks, or other sources of ignition
- If using SUPER REZ-SEAL indoors, ensure adequate fresh air ventilation and block all HVAC ducts which may distribute solvent odor. Extinguish any pilot lights or other sources of ignition prior to starting SUPER REZ-SEAL application.
- SUPER REZ-SEAL will not freeze in storage, but should be allowed to reach at least 50°F (10°C) before use
- Surface and ambient temperature during coating applications should be between 40°F and 90°F (4°C and 32°C)
- Do not apply SUPER REZ-SEAL to frost-filled or frozen substrates
- Do not apply SUPER REZ-SEAL in hot direct sunlight
- Do not apply SUPER REZ-SEAL over bleed water or free-standing water
- Do not apply SUPER REZ-SEAL if rain or heavy fog is expected within 12 hours of application
- Do not thin SUPER REZ-SEAL
- SUPER REZ-SEAL is not resistant to gasoline or other automotive fluids
- SUPER REZ-SEAL may discolor/yellow when exposed to sunlight or interior UV light
- SUPER REZ-SEAL will enhance color and darken substrates
- Excessive build up of SUPER REZ-SEAL or puddling of the product during application can lead to failure to dry completely, bubbling, whitening, peeling and/or flaking of the sealer, and discoloration of the concrete
- Applying thicker than recommended, applying in cool/cold weather, prolonged exposure to moisture (high humidity, rain), or lack of air flow may result in the sealer remaining soft/wet/tacky for longer than the times found on this data sheet
- When floor covering adhesives will be used following SUPER REZ-SEAL application, a test area is recommended to ensure compatibility of the adhesive with SUPER REZ-SEAL
- Application of a test area is strongly recommended to confirm final appearance and texture of the product with the end user
- In all cases, consult the product Safety Data Sheet before use

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