



REZ-SEAL

SOLVENT-BASED CURING AND SEALING COMPOUND

EUCLID CHEMICAL

CURING AND SEALING

REZ-SEAL

MASTER FORMAT #: 00 00 00

DESCRIPTION

REZ-SEAL is an acrylic polymer curing and sealing compound that cures and seals new concrete, providing for proper cement hydration and development of strength and durability.

PRIMARY APPLICATIONS

- Industrial floor slabs
- Walls and columns
- Parking garages
- Dry shake floors
- Exterior pavements
- Concrete toppings

FEATURES / BENEFITS

- Provides a transparent curing film for new concrete
- Seals new concrete surfaces providing a glossy appearance
- Helps strengthen new concrete by promoting proper cement hydration

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying Time* @ 73°F, 50% RH:..... < 1 hour

Recoat: 2 to 24 hours

Foot Traffic: 2 to 4 hours

Wheel Traffic: 6 to 10 hours

VOC Content:.....666 g/L

Adhesion to Concrete:.....excellent

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

Appearance : Rez-Seal is a clear liquid. After application and drying, Rez-Seal offers a clear, slightly glossy film.

The product may yellow if exposed to sunlight or interior UV light. Rez-Seal will darken concrete, masonry, pavers, etc., giving these materials a “wet” look. Follow recommended coverage rates carefully for best appearance.

Rez-Seal can also be tinted with Euclid Universal Color Packs (EUCCO Packs), which are available in 33 standard colors. See the EUCLID UNIVERSAL COLOR CHART for available colors. However, due to Rez-Seal’s tendency to yellow, a clear cure & seal such as EVERCLEAR or SUPER DIAMOND CLEAR should be considered.

Alkali Resistance:

48 hour exposure.....excellent

Solvent Resistance: minimal

Resistance to discoloration:moderate

Solids content:..... > 25%

Moisture loss (ASTM C 156)..... < 0.40 kg/m²

PACKAGING

REZ-SEAL is packaged in 200L drums and 20L buckets.

SHELF LIFE

3 years in original, unopened bag

SPECIFICATIONS / COMPLIANCES

- ASTM C 309, Types 1, Class A & B
- AASHTO Specification M 148, Type 1, Class A & B
- ASTM C 1315, Type 1, Class C
- USDA compliant

COVERAGE

Application: m ² /L	First Coat	Optional Second Coat
Curing and sealing new concrete	7.4 to 8.6	8.6 to 9.8
Use on existing, cured concrete	8.6 to 9.8	8.6 to 9.8

Coverage will vary from the above rates depending on surface porosity and texture. Avoid excessive build-up.

DIRECTIONS FOR USE

Surface Preparation: The concrete surface must be clean and free of standing water. Remove any material that may prevent adhesion of the Rez-Seal.

Curing and Sealing: 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 bleed water.

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 0.95 cm nap, solvent resistant sleeve. Keep a wet edge while spraying and backroll over sprayer lap marks for best appearance.

Application of Rez-Seal too heavily, in too many successive coats, or in multiple coats over time can cause bubbling, whitening, peeling, and ultimate failure of the product. Also, applying Rez-Seal in hot weather or onto a hot surface can cause bubbling. If Rez-Seal is showing signs of over-application, scrub the surface with a solvent such as acetone or xylene, using a stiff natural bristle brush. Keep the surface wet with the solvent while scrubbing, adding more if necessary. The solvent will turn the sealer back into a liquid form, at which point excess material can be wiped off with a lint-free mop or towel. Do not apply additional sealer. After removing the excess Rez-Seal, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

CLEAN UP

Tools and equipment may be cleaned with acetone or xylene.

REMOVAL

Dried, cured Rez-Seal may be removed with strong solvents such as acetone or xylene. Also acceptable are commercial paint strippers (always heed directions and warning labels). EUCO CLEAN & STRIP is a citrus based stripper that can also be used to remove Rez-Seal. Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

PRECAUTIONS / LIMITATIONS

- Use with adequate ventilation and keep away from open flames. If solvent odor is objectionable, use of a water-based, low odor product may be preferred.
- Block all HVAC ventilation ducts which may distribute solvent odor.
- Material will not freeze in storage but should be allowed to rise to 10°C or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 4°C. Application in hot direct sunlight or when the concrete or air temperature is above 32°C can cause bubbling.
- Do not apply over bleed water or free standing water.
- If applying to existing or already cured concrete or masonry, Rez-Seal will darken the surface and highlight any imperfections, resulting in a mottled appearance.
- Tinted Rez-Seal is a thin film cure and seal and it will discolor and wear over time. It is not intended to be a coating or permanent fix to poorly colored or finished concrete.
- When installing carpet, tile and floor covering adhesives, a test section is recommended to ensure good bond between the adhesive and the Rez-Seal.
- For decorative concrete, the use of EVERCLEAR, EVERCLEAR VOX, or SUPER DIAMOND CLEAR is suggested for best appearance. Apply two thin coats rather than one heavy application for a high gloss finish.
- Not resistant to gasoline or brake fluid.
- Do not thin this product.
- In all cases, consult the Safety Data Sheet before use

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