

REZ-SEAL®

SOLVENT-BASED CURING AND SEALING COMPOUND

DESCRIPTION

REZ-SEAL is an 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 abrasion.

PRIMARY APPLICATIONS

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

FEATURES/BENEFITS

- Provides a transparent curing film for new concrete
- Seals all concrete surfaces providing a glossy appearance and easier clean-up
- Helps strengthen new concrete by promoting proper cement hydration
- Dustproofs concrete with a tough durable film

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying time* @ 73°F, 50% RH:	< 1 hour	Alkali resistance:	48 hour exposure	excellent
Recoat	2 to 24 hours	Solvent resistance:	minimal	
Foot traffic:	2 to 4 hours	Resistance to discoloration:	moderate	
Wheel traffic:	6 to 10 hours	Solids content:	> 25%	
VOC content:	< 700 g/L	Moisture loss (ASTM C 156).....	< 0.40 kg/m ²	
Adhesion to concrete:	excellent			
Adhesion of asphalt tile:	passes			

*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.

PACKAGING

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

COVERAGE

Application: ft²/gal (m²/L)	First Coat	Optional Second Coat
Curing and sealing new concrete	300 to 350 (7.4 to 8.6)	350 to 400 (8.6 to 9.8)
Use on existing, cured concrete	350 to 400 (8.6 to 9.8)	350 to 400 (8.6 to 9.8)

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 EVERCLEAR is recommended on already cured concrete.



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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.

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 3/8" (0.95 cm) nap, solvent resistant sleeve. Keep a wet edge while spraying and backroll over sprayer lap marks for best appearance.

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 "sheen" of surface moisture.

CLEAN-UP

Tools and equipment may be cleaned with acetone or toluene. Run cleaning solvent through spray equipment to remove residual materials.

REMOVAL

Dried, cured REZ-SEAL may be removed with strong solvents such as xylene, MEK or toluene. 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

- 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). Application in hot direct sunlight or when the concrete or air temperature is above 90°F (32°C) can cause bubbling.
- 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 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 RC or KUREZ DR VOX are recommended for these applications.
- 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.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended to ensure good bond between the adhesive and the REZ-SEAL.
- 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 EVERCLEAR, EVERCLEAR TB, or EVERCLEAR VOX is suggested for best appearance. Apply two thin coats rather than one heavy application for a high gloss finish.
- Do not use as a bond breaker for tilt-up construction.
- 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.
- Do not thin this product.
- In all cases, consult the Material Safety Data Sheet before use.

Rev. 10.09

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