



SPECIALTY CONCRETE PRODUCTS, INC.

PIGMENTED CHROME-SEAL™ SOLVENT BASED ACRYLIC SEALER

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1. DESCRIPTION:

Pigmented CHROME-SEAL is a custom formulated 30% solids, solvent based acrylic sealer and curing agent Specifically designed for sealing and protecting all types of colored and decorative concrete surfaces.

Pigmented CHROME-SEAL is a Non-yellowing, non-styrenated color sealer that is resistant to oil, grease, gasoline, deicing salts, ultra-violet rays, wet and dry abrasion and many household chemicals and foodstuffs.

Pigmented CHROME-SEAL contains specially formulated resins and solvents that are designed for maximum penetration into the concrete surface for extended wear and durability. **Pigmented CHROME-SEAL** is designed for use in decorative concrete applications and plain concrete surfaces that require a curing membrane and/or a Durable colored sealer. **Pigmented CHROMESEAL** conforms to ASTM C309 as a curing compound for concrete.

2. RECOMMENDED USES:

- STENCIL-CRETE® Overlay Systems
- VENEER-CRETE. Resurfacing Systems
- CHROME-CRETE. Integral Colored Concrete Surfaces
- Exposed Aggregate
- Brick Pavers
- Concrete Masonry Units
- Ornamental Precast Concrete
- Concrete Curbing

3. BENEFITS:

- Can be applied to concrete the same day as initial placement.
- Seals and cures all concrete surfaces, providing glossy appearance, easy maintenance and clean up.
- Non-yellowing under ultra violet exposure.
- Resistant to mold, mildew and many other organic stain producers.

4. PACKAGING:

Pigmented CHROME-SEAL is available in one and five gallon units.

5. DIRECTIONS FOR USE:

Surface Preparation

New concrete surfaces must be Completely dry, clean and free from Curing agents, waxes, paints or any other compounds which would prevent penetration of the sealer into the concrete surface. Pressure washing and acid etching/neutralizing or mechanical profiling is recommended prior to sealing plain concrete surfaces. For sealing stamped concrete, STENCIL-CRETE®, VENEER-CRETE or CHROME-ETCH Acid Stained surfaces, refer to the corresponding technical bulletins. Old concrete surfaces will require an acid etching/neutralization and pressure washing prior to sealing. Dilute muriatic acid 7:1 with water (water:acid) and scrub into concrete surface for five minutes, followed by a neutralization solution, then pressure wash off acid and allow to dry.

General Properties

Shelf Life
Application Temp & Humidity
Coverage
Colors
Packaging
Application Methods
Cure Rate @ 75 . F

Data

2 Years
50 F to 85 F @ less than 75% R.H.
200-250 s.f. per gal
Clear
1 gal, 5 gal & 55 gal Units
High quality 1/4" to 3/8" nap roller
Recoat 2-4 hrs.
Foot Traffic 12 hrs.
Heavy Traffic 24+ hrs.
Chemical Resistance 72+ hrs.

Viscosity @ 25 degrees C, cps
Percent Solids, by weight
Pounds/gallon

150
30.0
9.0

COVERAGE:

This product should be applied at the rate of approximately 200-250 sq. ft. per gallon, which is between 3 to 4 wet mils. As with all sealers and coatings, coverage is dependent on the smoothness and porosity of the surface. Avoid applying thicker than 5 mils, which would result in poor film formation and lower properties.

APPLICATION:

CHROME-SEAL can be applied from a roller tray or directly from the container using a high quality, 3/8. nap roller. The coating must be rolled as evenly as possible. Avoid excess agitation of the liquids with the roller. This will lessen chances of bubbling of the final film. **Pigmented CHROME-SEAL** can also be applied by airless sprayer using a medium size tip. A second coat of **Pigmented CHROME-SEAL** can be applied after the first coat has dried tack-free and is no longer cloudy in appearance.

CLEAN UP:

Application equipment should be cleaned using Solvent 100 or xylene where necessary. Roller covers should be discarded after use. Containers to be thrown out must be disposed in accordance with federal, state and local regulations. Use only licensed hazardous waste disposal companies.

Performance Data on Pigmented CHROME-SEAL™ Sealer

<u>PROPERTIES</u>	<u>CHROME-SEAL</u>	<u>ASTM Method</u>
Form	Slightly viscous, clear liquid	
Specific Gravity	1.08	
Glass Transition Temperature	50Tg C.	
Flash Point	>100 degrees F.	
Dry time @ 78 degrees F, 50% RH	0.5	D1640-95
Dry time @ 50 degrees F, 80% RH	1.5	D1640-95
Gloss 60 degrees	75	D 523-89
Adhesion to wet concrete	good	*

CHEMICAL RESISTANCE **

Motor Oil	No effect
Transmission Fluid	No effect
Gasoline	Slight Softening
Brake Fluid	Slight Softening
10% Acetic Acid	Severe Softening
10% Hydrochloric Acid	No effect
10% Sulfuric Acid	Severe Softening
2% Nitric Acid	Softened
5% Sodium Hydroxide	No effect
50% Sodium Hydroxide	No effect
30% Aqueous Ammonia	No effect
Xylene Severe	Softening
Antifreeze Severe	Softening

*SCP Test Method

The chemical resistance of **Pigmented CHROME-SEAL to strong reagents after 24 hours of exposure was determined.

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"LEADING THE DECORATIVE CONCRETE INDUSTRY SINCE 1992"

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