

DESCRIPTION:

Cem-Seal is a water-based acrylic emulsion used in a variety of decorative concrete applications. It is available in both clear and pigmented formulations, dries quickly and is high in solids for single component emulsion type materials. Cem-Seal forms hard coating films, resists blushing and provides excellent resistance to yellowing in exterior applications. Pigmented Cem-Seal is used as a color coat over polymer concrete and spray applied decking. Clear Cem-Seal was designed as a fast drying build coat in color chip flooring and as an economical sealer over polymer concrete in light duty applications. It is an excellent primer on polymer concrete when two component polyurethane or polyurea/polyaspartics are used as finish coats.

USES:

- Coloring medium for concrete
- Interior and exterior applications
- Intensify and enhance existing colored concrete

CHEMICAL COMPOSITION:

Small particle size acrylic emulsion.

COLORS:

Available in 14 standard colors, plus Clear.

**MOISTURE VAPOR EMISSIONS PRECAUTIONS:**

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869, or relative humidity probe testing in compliance with ASTM-F2170, to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **S-1300 Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

SURFACE PREPARATION:

Surface must be free of all grease, oil and soils that may interfere with adhesion. Polymer concrete must be cleaned using a pressure washer (minimum psi 2,500) or detergent scrubbed with a floor machine using a nylogrit brush. Use 12000 Heavy Duty Degreaser. Rinse well to remove all detergent residue.

Super-Krete Products is a Division of Arizona Polymer Flooring, Inc.

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Cem-Seal™ 051916



APPLICATION RECOMMENDATIONS & COVERAGE:

Surface to be coated may be damp, but with no visible water. Cem-Seal is best applied using the dip and roll method working out of a 5 gallon pail. Use a ½ or ¾ inch nap roller cover depending upon the texture of the surface. Use a cross-hatch rolling technique to insure an even distribution. Coverage will vary between 200-350 sq. ft. per gallon depending upon the substrate. More film thickness always adds to the quality of the job – do not stretch the material.

RE-COAT INFORMATION:

Cem-Seal may be re-coated with itself or water-based polyurethanes as soon as the material can be walked on. Allow an overnight dry before re-coating with solvent-borne top coats. Cem-Seal may be re-coated without additional preparation for an indefinite period. However, if several days has elapsed and the surface has become dirty, re-cleaning is necessary.

SHELF LIFE:

Cem-Seal has a shelf life of 1 year when properly stored in an unopened container. Materials should be stored at 55°-90° and no greater than 50% humidity. Ensure all packaging is tightly sealed to ensure the longest lasting shelf-life.

PRECAUTIONS:

- *Handling Precautions:* Use only with adequate ventilation. Avoid contact with skin; wear protective gloves. Read Safety Data Sheet before using.
- *Slip and Fall Precautions:* OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Arizona Polymer Flooring recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Arizona Polymer Flooring or its sales agents will not be responsible for injury incurred in a slip and fall accident.

LIMITATIONS:

- Do not use directly over conventional concrete
- Not recommended as a finish coat in high traffic areas or vehicle areas
- When used as a clear over exterior polymer concrete, water can migrate through cracks and joints in the substrate and temporarily darken the host surface. This darkening disappears when the substrate dries.

WARRANTY:

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

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