

## PRODUCT DESCRIPTION

APF 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-solids for single component emulsion type materials. APF CEM-SEAL forms a hard film, resists blushing, and provides excellent resistance to yellowing in exterior applications

Pigmented APF CEM-SEAL is used as a color coat over polymer concrete and spray applied decking. Clear APF CEM-SEAL is 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/polyaspartic are used as finish coats.

## PACKAGING

Supplied in 1 gallon (3.78 L), & 5 gallon (18.93 L) units.

## SURFACE PREPARATION

The surface must be clean, sound, and dry. Prepare surface with a floor machine and Nylo Grit® or similar type of brush. Scrub the surface thoroughly using APF Orange Clean diluted 8:1 with water. Do not allow cleaning solution dry on the surface. Rinse with water and allow to dry overnight before coating.

Acid etching is not recommended and will void Manufacturer's warranty. Carefully follow the guidelines listed in the Arizona Polymer Flooring published application instructions available at [www.apfepoxy.com](http://www.apfepoxy.com).

## APPLICATION

APF CEM-SEAL may be applied by dip-and-roll roller. Surface may be damp, but not visibly wet. Use a cross-hatch rolling technique to insure an even distribution. Apply at 200 - 350 sq. ft. per gallon with quality 3/8- or 1/2-inch nap roller as a finish coat over primed concrete. It is **very important** to achieve a uniform application rate of 200 - 350 sq. ft. per gallon.

## TECHNICAL DATA

VOC Clear	97 g/l
VOC Pigmented	182 g/l
Solids Content, by weight	35%
Gloss (60 degrees) ASTM D523 - 14	82
Dry Times (77°F)	
Recoat	~30 - 60 Minutes
Light Traffic	~4 - 6 Hours
Full Traffic	~72 Hours
Higher temperatures/Lower Humidity will shorten cure time. Lower temperatures/Higher Humidity will increase cure time.	

## RECOATING

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

## COLORS

Available in 16 standard colors, plus clear

## LIMITATIONS

- Do not use directly to conventional (non-decorative, non-polymer, not stained) concrete.
- Not recommended for high traffic or vehicular traffic.

## SHELF LIFE

One [1] year from date of manufacture, in original unopened container. Store away from heat sources between 50°F and 85°F (10°C - 30°C). Do not allow to freeze.

## HANDLING & SAFETY

Avoid contact with skin; wear protective gloves. Read Material Safety Data Sheet before using. APF Safety Data Sheets are available at [www.apfepoxy.com](http://www.apfepoxy.com)



CEM-SEAL

PRODUCT DATA SHEET

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APF CEM-SEAL PDS 03.16.21

#### Standard Warranty Statement

ICP BUILDING SOLUTIONS GROUP, the owner of Arizona Polymer Flooring, warrants that the product is produced within specifications and is free from defect. No warranty shall be in effect until ICP Building Solutions Group Terms and Conditions of Sales are met, including payment and cooperative promotional considerations. ICP Building Solutions Group warrants that the covered product is free of defect and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is installed within its published shelf life, in strict conformance with specifications, and/or written project-specific installation guidance from authorized representation. ICP Building Solutions Group warrants only when product is handled, stored, mixed and applied in accordance with published recommendations. It is purchaser responsibility to initiate any claim against this warranty within a reasonable time. If determined by ICP that the product does not meet this warranty, the liability of ICP Building Solutions Group shall be limited to refund of the purchase price or provision of replacement product, neither needing to exceed the affected area as determined by a person authorized to perform technical representation for ICP Building Solutions Group. To obtain a replacement or refund the customer must provide written notice containing full details of the non-conformity suspected. The purchaser, owner or their representative shall notify ICP Building Solutions Group, in writing, within five (5) working days concerning any potential defect, or as needed before conditions deteriorate and increase repair costs. ICP Building Solutions Group reserves the right to inspect the non-conforming material prior to replacement. ICP Building Solutions Group may in its discretion refund the purchase price received by ICP Building Solutions Group in lieu of replacing the material. Except for the expressed warranty stated above, there are no other warranties, expressed or implied, including without limitation, any implied warranty of merchantability or fitness for purpose. ICP Building Solutions Group's obligation shall not extend beyond the obligations expressly undertaken above and ICP Building Solutions Group shall have no liability or responsibility to purchaser or any third party for any loss, cost, expense, damage or liability, whether direct or indirect, or for incidental or consequential damages. No customer, distributor, or representative of ICP Building Solutions Group is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of ICP Building Solutions.



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