

# CPC PIGMENTED EPOXY

## PRODUCT DESCRIPTION

CPC Pigmented Epoxy is a 100% solids, solid color, two-component epoxy flooring system following USDA, ADA, & OSHA guidelines.

## FEATURES

- High Build
- UV Tolerant
- Can be applied over a wide range of surfaces
- Low Odor during installation
- Antimicrobial Additive available
- Stain Resistant
- Easy Maintenance & Sustainability

## TYPICAL USE SITES

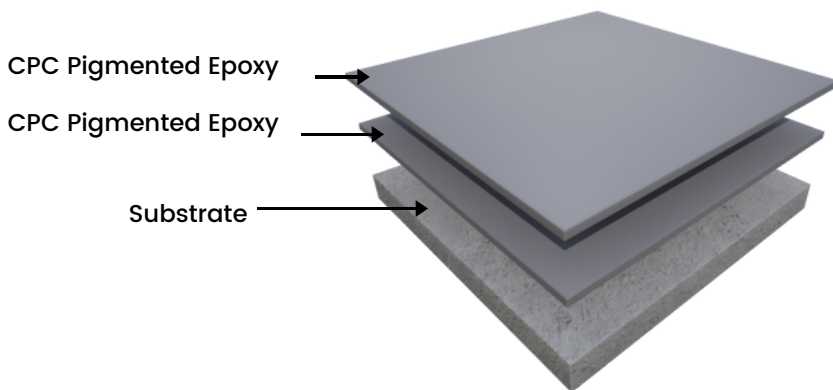
- Warehouses
- Manufacturing
- Clean Rooms
- Laboratories
- Hospitals
- Pharmaceutical

## COVERAGE RATE

Thickness of Coating Applied	Coverage per Kit
8 mils	200 sq ft
16 mils	102 sq ft
20 mils	80 sq ft

## TECHNICAL DATA

PHYSICALS	METHOD	RESULTS
VOC In g/l	40 CFR 60 appendix A7 Method 24	0 g/L
Percent Solids		100%
Tensile Strength	ASTM D638	1,200 psi
Hardness	ASTM D2240 Shore A	75-80
Gloss	ASTM D523	90+ Clear Gloss
Microbial Resistance (with additive)	ASTM G21	Passes Rating 1
Chemical Resistance	See Chemical Resistance Chart	



## PACKAGING

### 3 Gallon Kit 5005-3GK-COLOR

A Component 5005-2GPA-COLOR

B Component 5005-1GCB

### 15 Gallon Kit 5005-15GK-COLOR

(2)A Component 5005-5GPA-COLOR

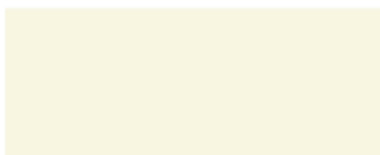
B Component 5005-5GPB

## **COLORS AND FINISH OPTIONS**

Printed color charts are approximate actual color. Final color approval should be made from a physical sample. Final color appearance is affected by lighting, surface texture, and method of application. Custom colors can be available by request



**413 Speedway Gray**



**300 Bolsa**



**211 Green**



**431 Bright Gray**



**303 Ivory Cream**



**720 Medium Blue**



**411 Silver Bullet**



**304 Sandpiper Beige**



**310 Black**



**402 Dark Gray**



**503 Adobe**



**640 Safety Red**



**410 Graphite**



**607 Brick Red**



**910 Safety Yellow**

## LIMITATIONS

- If sub-surface cracks move due to continued thermal flexing or mechanical loads or building settlement, CPC Pigmented Epoxy may reflect those cracks to some degree.
- Discoloration may occur under UV exposure, use CPC Polyaspartic when UV stability is required.
- Moisture vapor emission rates (MVER) in excess of 3 lbs./1000 sq/ft/per 24 hr. period per ASTM F1869, or an RH in excess of 75% per ASTM F2170 requires the application of CPC Moisture Vapor Primer.
- Primers, sloping, smoothing or leveling compounds, crack repair or isolation, waterproof membranes, or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.

## SURFACE PREPARATION

The surface must be structurally sound, clean, dry, and free of grease, paint, oil, dust, curing agents, laitance, or any foreign material that will prevent proper adhesion. Minimum (CSP) concrete surface profile CSP-3 is required as per ICRI's Technical Guideline No. 310.2R-2013. "Selecting and Specifying Concrete Surface Preparation." substrate conditions & coating requirements. The substrate must be dry at the time of application and the concrete should be at least 2,500 PSI.

Prior to starting work, test the existing concrete slab for efflorescence, moisture, and hydrostatic pressure.

Apply CPC Pigmented Epoxy directly over the previous coat within the recoat window of the material previously applied.

If used outside the recoat window or applying the coating to the previous coat of the existing flooring or coating systems, abrade the surface with a #80 grit screen. Then tack wipe the surface with xylene or other approved solvent. Provide a clean, dry, and sound surface free from all contaminants. Be sure the existing coating is completely de-glossed.

Inspect substrate to verify proper preparation before applying any materials.

## INSTALLATION GUIDELINE

	INSTALLATION METHOD	PRODUCT & MIX RATIOS	COVERAGE RATE PER USE GALLON (APPROXIMATE)
Step 1	Surface Preparation: Minimum surface profile of CSP 3		
Step 2	Apply CPC Moisture Mitigation Primer (if applicable)		
	Squeegee and back roll @ 16 mils  (when MVER is over 10 lbs (ATSM F1869) or RH over 84% (ATSM F2170) use CPC Moisture Mitigation Primer)	Mix Ratio:* 2A:1B Recoat Time: 8-24 hours  *do not split kits	94 sq ft per gallon
Step 3	Apply CPC Pigmented Epoxy		
	Squeegee and backroll @ 10 mils	Mix Ratio: 2A:1B Recoat Window:8-24 hours	160 sq ft / per gallon @ 10 mils
Step 4	Apply CPC Pigmented Epoxy Second Coat		
	Squeegee and backroll @ 7-10 mils	Mix Ratio: 2A:1B Recoat Window:8-24 hours	225 sq ft / per gallon @ 7 mils 160 sq ft / per gallon @ 10 mils

## ENVIRONMENTAL

All materials are mixed, applied and cured at the job site. Minimum environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

AMBIENT	MINIMUM	MAXIMUM
Temperature	55°F	90°F
Relative Humidity	20% RH	90% RH
Wind	N/A	5 MPH
Substrate Temperature	55°F	85°F
Material Temperature	60°F	80°F

## MATERIALS

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.



## TECHNICAL PRODUCT GUIDE

### CARE AND MAINTENANCE

Do not use harsh or abrasive cleaners, as these will mar the finish. Hard-to-remove dirt and grime (including black heel marks) should be rubbed gently with a scrubbing pad wet with a detergent solution. Rinse the floor with clean water.

Floor areas subject to scratching by trackage or sand or grit carried in from outside areas should be swept frequently.

Waxing of the surface is not recommended, as this will affect the slip retardance. Areas where this is not a concern may be finished with a clear, water-based floor polish of the type used on resilient flooring.

Promptly clean up all spillage of liquids including oil, grease, etc. Promptly neutralize all acids or strong alkaline liquid spillage as these may strain or physically damage flooring under prolonged contact.

### CLEANING

Except for the smooth finish, mops are not recommended for cleaning purposes. Cleaning is best accomplished using scrub brushes or floor maintenance machines using a soft brush or scrubbing pad. Neutral liquid detergents designed for use on resilient tile are recommended. These are available from many sources, including grocery stores. When the cleaning solution becomes dirty, discard it, and mix a fresh solution. Do not exceed the concentration recommended by the manufacturer.

### NOTE

Crossfield Products Corp. assumes no responsibility or liability for any errors or omissions in the content of this document. The information contained is subject to change without notice.

### WARRANTY

All sales are subject to the Crossfield Terms and Conditions effective on the date the purchase order is received. The Terms and Conditions are incorporated herein in full by this reference. The Terms and Conditions are set forth at ([www.crossfieldproducts.com](http://www.crossfieldproducts.com)) and will also be sent by mail or fax to the purchaser upon request. By placing an order, the Buyer acknowledges that it has read and agrees to the provisions of the Terms and Conditions.