

CPC Base Gel

PRODUCT DESCRIPTION

CPC Cove Base is a three component system consisting of a two component thixotropic epoxy and separate aggregate component designed for vertical applications where sag resistance is required.

FEATURES

- No VOC
- Pre-Packaged (Kit)
- Non sag consistency

TYPICAL USE SITES

- Vertical transitions
- Turns up
- Cove base
- Wainscots

PACKAGING

A Component = 5004A

B Component = 5004B

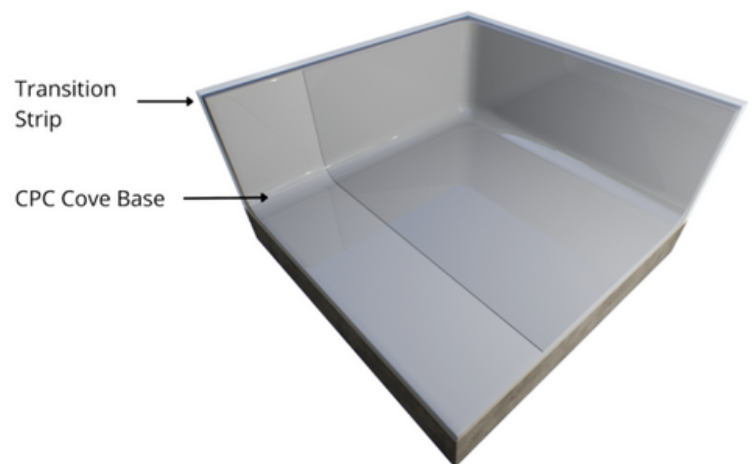
C Component = 5004AG(aggregate)

COVERAGE RATE

Height of Cove Base	Coverage per Kit
4" @ 3/8" radius	50 ln ft
6" @ 3/8" radius	30 ln ft

TECHNICAL DATA

PHYSICALS	METHOD	RESULTS
Percent Solids		100%
Compressive Strength	ASTM C579	6,000 psi
VOC In g/l	ASTM C307	1,000 psi
Tensile Strength	ASTM C580	2,000 psi
Adhesion	ASTM D2240	80-85
Thermal Coefficient of Linear Expansion	ASTM C531	1.4x10 ⁻⁵



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.

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 contaminates. 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 2-3		
Step 2	Apply Primer - CPC Epoxy		
	Roll up primer (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: 1-24 hours Go into tacky primer	320 s ft @ 5 mils
Step 3	Apply CPC Cove Base		
	Hawk up 1/8" matrix material onto vertical surface into tacky primer, smooth and close with cove trowel	Mix Ratio: 1A:1B:1C Pot Life: 25 minutes Cure Time: 8 hours Recoat Time: 45-90 minutes	30 In ft per mix 6" cove base, 5/8" radius 50 In ft per mix 4" cove base, 5/8" radius

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.

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

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