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## **SECTION 10.1**

### **SITE IMPROVEMENTS ATHLETIC FACILITIES**

EXTERIOR/INTERIOR COLOR COAT

ACRYLIC LATEX COATING

## **PLEXICHROME®**

### **DESCRIPTION:**

Plexichrome is a 100% acrylic coating, highly pigmented to provide a colorful, long lasting finish on tennis courts and other types of recreational areas. Plexichrome is used in the Plexipave® Color Surface System on asphalt and concrete tennis courts, and it is used on light-traffic areas, such as walkways, medians and berms, as an attractive weather-resistant coating. Plexichrome protects asphalt from deteriorating effects of the sun and makes black surfaces 10° - 15° cooler.

### **SURFACE USES:**

- On tennis courts, used as final finish coat over Plexipave for a faster playing surface.
- Blended with Plexipave Color Base or approved dry sands to make a job-mix Fortified Plexipave as a colored textured coating.

### **APPLICATION:**

- For Plexichrome finish coat – apply with squeegee and follow immediately behind with a wide hair-type push broom.
- Fortified Plexipave filler coats and finish coats are applied with a 50 Durometer rubber squeegee only.

### **DRYING TIME:**

- Approximately 30 minutes to 1 hour for each coat.
- Ready to play within 24 hours.

### **COLOR RANGE:**

- 10 selected colors: LightGreen, Dark Green, Florida Green, Red, Sahara Sand, Pacific Blue, Cape Gray, Brown, Maroon.

### **COVERAGE:**

- Plexichrome Finish: 20-25 square yards per gallon. (.05-.04 gal/sq. yd.)
- Fortified Plexipave: First coat – 10-15 square yards per gallon (.1-.07 gal/sq. yd.)  
Second coat – 15-20 square yards per gallon (.07-.05 gal/sq. yd.)  
Third coat – 20-25 square yards per gallon (.05-.04 gal/sq yd.)

### **LIMITATIONS:**

- Apply only when ambient temperature is 50°F and rising.
- No filling properties if surface texture and porosity varies.
- Surface should not be powdery, cracked or deteriorated.
- Do not use on parking lots, and areas subject to severe usage or abrasion.
- Do not apply when rain of high humidity is imminent.
- Do not apply if surface temperature is in excess of 140°F.
- Keep from freezing. Do not store in the hot sun.
- Keep containers tightly closed when not in use.
- The Plexipave system will not prevent pavement cracks from occurring.

See reverse side for application specifications.

**MIXES:**

Various mix designs available to adapt the texture and final speed of play:

Fast Play – Plexichrome Finish

Plexichrome	1 part
Water	1 part

Medium Play – Fortified Plexipave

Color Base	30 gallons	Plexichrome	30 gallons
Plexichrome	20 gallons	*Sand (80-100 mesh)	240 lbs.
Water	20 gallons	Water	20 gallons

\* Sand samples shall be submitted to CPC for approval prior to use. Sand shall be free of contaminants. OSHA regulations should be strictly followed.

**SPECIFICATIONS  
PLEXICHROME  
COLOR FINISH FOR ASPHALT**

Over asphalt and concrete surfaces such as walkways, recreational play areas, or as designated in the site plans, 2-coats of Plexichrome Acrylic color finish shall be applied with wide hair-type push brooms or by a rubber squeegee followed by a wide hair-type push broom. Dilution rate shall not exceed 1 part Plexichrome to 1 part water.

One coat shall be applied lengthwise on the surface and the second, laterally. The material shall be flowed-on freely, maintaining a wet edge in a continuous application to the opposite limit of the area.

Over tennis court surfaces – Two coats of Fortified Plexipave shall be applied over properly prepared asphalt and concrete surfaces using Plexichrome in one of these specified mixes. See CPC Specifications Section 10.18-10.19 for application procedures on asphalt and concrete bases. As a finish coat, one coat of Plexichrome may be applied crosswise with a rubber squeegee followed by a wide hair-type broom.

The surface shall be of uniform porosity and free of any ridges or roller marks prior to application of Fortified Plexipave or Plexichrome. The finished surface shall be of new uniform color. All lines shall be painted with Plexicolor Line Paint according to CPC Specifications Section 10.4. Solvent-type traffic paint shall not be used for line marking.

Materials specified for the Plexipave System shall be delivered to the site in sealed, green painted containers, properly labeled with California Products Corporation labels and stenciled with the proper batch code numbers. Products packaged or labeled in any other manner will not be accepted. Mixing with clean fresh water shall only be done at the job site. Spreading rates are based upon material prior to mixing with water as directed.