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SECTION 10.2

EXTERIOR/INTERIOR

ACRYLIC TYPE

SITE IMPROVEMENTS
ATHLETIC FACILITIES
COLOR SURFACER

FORTIFIED PLEXIPAVE®

DESCRIPTION:

Fortified Plexipave is a beautiful and colorful surface finish system in a form containing additional colors and binders for longwearing playing surfaces such as tennis courts and playgrounds. With its filler properties, Fortified Plexipave provides a uniform asbestos- free texture over suitable asphalt emulsions, hot-mix asphalt surfaces and concrete. Since Fortified Plexipave requires essentially no mixing, the applicator does not need expensive mixing equipment and the additional labor required with on-the-job mixing. Fortified Plexipave may be used in a three coat system or a final texture finish coat for the Plexipave Color Finish System.

SURFACE USES:

Over asphalt and suitable concrete substances:

- Tennis Courts
- Basketball Courts
- Play Areas
- Light Traffic Pathways and Walkways
- Patios
- Multi-Purpose Sport Areas

APPLICATION:

- 24" or 36" 50 Durometer flexible rubber squeegees as approved by the Manufacturer.

DRYING TIME:

- 30 minutes to one hour depending on ambient temperature and humidity. A three coat application in normal summer drying weather can be made over a properly prepared surface in one day.

COLOR RANGE:

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

COVERAGE:

(Depending on Surface and Porosity.)

- 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.
- Keep containers tightly closed when not in use.
- Do not apply when rain or high humidity is imminent.
- Do not apply if surface temperature is in excess of 140°F
- Obtain maximum leveling, proper pitch and "tight" surface density of asphalt leveling course to provide maximum performance and economy of Fortified Plexipave.
- Allow asphalt to cure at least 14 days
- Allow concrete to cure a minimum of 28 days. Do not allow use of curing agents or concrete hardeners.
- Keep from freezing – Do not store in hot sun
- The Plexipave system will not prevent pavement cracks from occurring

**SPECIFICATIONS
FORTIFIED PLEXIPAVE COLOR FINISH SYSTEM**

1.0 SCOPE

- 1.1 These specifications pertain to the application of Fortified Plexipave Color Finish over tennis courts and other recreational areas as designated in the Site Plans. The material in colors indicated shall be for asphalt or concrete surfaces and must be equally durable over both.
- 1.2 The work shall consist of suitable cleaning and preparation of the asphalt or concrete to assure a satisfactory bond of the color finish to the base and the subsequent coating applications.

2.0 DESCRIPTION

- 2.1 The asphalt (or concrete) surfaces to receive the color finish shall be provided clean, sound, free of grease, oils and other foreign materials, and shall be to the grade and pitch shown in the plans. Concrete surfaces shall be etched with Concrete Preparer, allowed to dry well and scrubbed clean. Concrete surfaces shall be primed with California Ti-Coat according to specification 10.17. Acrylic Resurfacer shall be applied over asphalt and concrete surfaces according to specification 10.8

The application contractor of the color Finish shall then remove by brush, vacuum or blower (as appropriate in each area for safety and convenience) all dust, dirt, imbedded soil. Tree stains, resins and areas not easily cleaned shall be mechanically washed and removed.

- 2.2 Edges adjacent to building, curbing and landscaping not to be coated with this Color Finish System shall be adequately masked with tape or otherwise protected during these applications. The contractor shall also erect suitable temporary barriers to protect the coatings during drying and curing periods.
- 2.3 Materials specified for the Color 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 materials prior to mixing with water as directed. The material shall be mixed one (1) part water to four (4) parts Fortified Plexipave. In extremely warm climatic conditions, additional water can be added for a more workable mix.

3.0 SURFACE PREPARATION

- 3.1 Asphalt shall be cured for at least 14 days and concrete for a minimum 28 days prior to Color Finish application. Ridges and excessive voids or depressions shall be corrected prior to first color application. Refer to CPC Specified Section 10.0, 10.8 and 10.14 for preparation of asphalt and concrete surface.

4.0 FORTIFIED PLEXIPAVE COLOR FINISH SYSTEM

- 4.1 The materials to be used shall be FORTIFIED Plexipave as manufactured by California Products Corporation, Andover, MA 01810, in colors specified and approved by the owner prior to first color application.

5.0 APPLICATION

- 5.1 Over new asphalt (or concrete) surfaces, three (3) squeegee coats of the same color shall be applied in succession as soon as the previous coat has dried and all work shall be done by experienced or carefully trained workmen. The contractor shall be accountable at all times for the amount of materials of each color used.
- 5.2 All line markings shall be made with Textured Plexicolor Line Paint according to specification 10.4

6.0 GENERAL

- 6.1 Upon completion of work, the contractor shall remove all containers and debris, and leave the site in a clean and orderly condition acceptable to the owner.

