



PLEXIPAVE® COLOR BASE

DESCRIPTION:

Plexipave Color Base is an asbestos free, naturally colored texture base used for mixing with Plexichrome and water to produce Fortified Plexipave. By adding appropriate amounts of each, the on-the-job determination of color will lower material costs and eliminate the need for warehousing large quantities of ready to use Fortified Plexipave in different colors. With its filler properties, job mixed Fortified Plexipave provides a durable, uniformly textured, medium play tennis surface.

The Plexipave Color Finishing system can be used on properly prepared asphalt and concrete surfaces. Outdoor concrete surface must be constructed with a vapor barrier under the slab and have adequate perimeter drainage.

SURFACE USES:

Over asphalt surfaces and suitable concrete:

- Tennis Courts
- Basketball Courts
- Light Traffic Footpaths and Walks
- Gymnasiums
- Play areas
- Multi-Purpose Sports Areas

APPLICATION:

- Use 50 Durometer Flexible rubber squeegees for Fortified Plexipave Filler Coats, and Fortified Plexipave Finish Coats.

DRYING TIME:

- 30 minutes to one hour per coat.
- A three-coat application in normal summer drying weather can often be made over a properly prepared surface in one day.
- Indoor applications require fans and good ventilation.

COLOR RANGE:

Neutral (Color obtained by the addition of Plexichrome).

COVERAGE (For 30•20•20 Mix):

- First Coat: 10-15 sq. yds./gal. (.1-.07 gal/sq.yd.)
- Second Coat: 15-20 sq. yds./gal. (.07-.05 gal/sq. yd.)
- Third Coat 20-25 sq. yds./gal. (.05-.04 gal/sq. yd.)
- Depending on surface porosity.

Mix

Fortified Plexipave: A 30:20:20 mix is used to obtain Fortified Plexipave using 30 gallons of Plexipave Color Base, 20 gallons of Plexichrome, and 20 gallons of water. Mix may be adjusted depending on the porosity of the surface and ambient temperature at the time of applications.

LIMITATIONS:

- Apply only when ambient temperature is 50°F and rising.
- Do not apply when rain or high humidity is imminent.
- Do not apply when surface temperature is in excess of 140°F.
- Allow asphalt to cure at least 14 days before application
- Allow concrete to cure 28 days. Do not use curing agents or concrete hardeners.

**SPECIFICATIONS
PLEXIPAVE COLOR BASE
COLOR SURFACE SYSTEM**

1.0 SCOPE

- 1.1 This specification pertains to the application of job-mixed Plexipave Color Base and Plexichrome over tennis courts and other recreational areas as designated in the Site Plans. The material in colors indicated shall be for use over asphalt, concrete surfaces and must be equally durable over both. Special Binder and pigment content give excellent color development and durability.

2.0 SURFACE PREPARATION

- 2.1 Prior to applying this system, the net sleeves, center strap anchor and fencing shall be installed and approved by the owner.
- 2.2 The asphalt (or concrete) surface to receive the color finish shall be clean, sound, free of grease, oils and other foreign materials and shall be to the grade and pitch shown in the plans.
- 2.3 Edges adjacent to buildings, 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 appropriate temporary barriers to protect the coatings during drying and curing periods.
- 2.4 New asphalt should cure approximately 14 days prior to the application of surfacing materials. New concrete should cure for 28 days. Concrete shall have a wood float or broom finish. **DO NOT STEEL TROWEL. DO NOT USE CURING AGENTS OR CONCRETE HARDNERS.** Also, uncoated concrete surfaces must be acid washed with Concrete Preparer.
- 2.5 Repair all ridges, cracks and birdbath prior to the application of the surfacing material (See specification 10.14). After patching, the surface shall not vary more than $\pm 1/8$ in 10 ft. measured in any direction.

3.0 APPLICATION OF SURFACE FILLER COAT

- 3.1 **Asphalt-** Over asphalt, apply one to coats of Acrylic Resurfacer to provide a uniformly textured surface. Allow coats to thoroughly dry before the application of subsequent coats.
- 3.2 **Concrete-** After the surface has been acid washed and leveled, the concrete surface must be primed with California Ti-Coat (See Specifications 10.17). Acrylic Resurfacer then must be applied to the surface within a 3 hour period while the Ti-coat is tacky to the touch.

4.0 COLOR COAT APPLICATION

- 4.1 Over new asphalt or concrete surfaces that have been properly prepared, apply two coats of job mixed Fortified Plexipave using a mix of Plexipave Color Base and Plexichrome (Color Base: 20 gallons; Plexichrome: 20 gallons; Water 20-22 gallons). All work shall be done by experienced, carefully trained workmen. The first coat shall be applied lengthwise of the court and the second coat, crosswise of the court.
- 4.2 The final finish coat shall be either Plexichrome or Job Mix Fortified Plexipave. For a Plexichrome finish, mix 1 part Plexichrome, 1 part water and apply with a wide hair-type broom crosswise of the court.
- For Job Mix Fortified Plexipave use a mix of Plexipave Color Base and Plexichrome (Color Base: 30 gallons; Plexichrome: 20 gallons; water: 20-22 gallons). The application shall be made crosswise of the court using a 50 durometer flexible rubber squeegee.
- 4.3 White lines conforming to U.S. Tennis Association specifications shall be laid-out and Plexicolor Line Paint (100% acrylic latex) applied by brush using masking tape or templates.

5.0 GENERAL

Materials specified for the Color Finish System shall be delivered to the site in sealed, properly labeled containers and water used in mixing shall be fresh and clear. Coverage rates are based upon manufacturer's material prior to mixing with water.

Upon completion, the contractor shall remove all containers, surplus materials and debris and leave the site in a clean and orderly condition acceptable to the owner. Gates shall be secured.