



A Division of California Products • An Employee Owned Company
150 Dascomb Road, Andover Massachusetts 01810 USA
Phone: 978-623-9980 / 800-225-1141 • Fax: 978-623-9960
www.plexipave.com • info@plexipave.com

SECTION 10.3

SITE IMPROVEMENTS ATHLETIC FACILITIES

EXTERIOR/INTERIOR

LATEX TYPE

RUBBER-FILLED

PLEXICUSHION®

DESCRIPTION:

Plexicushion is a resilient, asbestos-free 100% latex cushion subsurface for the Plexipave Color Finish. Plexicushion can be used alone to add cushion to a standard hard surface or it may be used over Plexicushion Base Coat to add cushion and to provide a uniform surface to receive the Plexipave Color System. Plexicushion may be applied on both indoor and outdoor asphalt and indoor and outdoor concrete. Application over outdoor concrete requires that a proper vapor barrier has been installed under the slab and appropriate perimeter drainage is in place.

SURFACE USES:

- Tennis Courts
- Basketball Courts
- Playground Areas
- Field Houses
- Jogging Tracks

APPLICATION:

- 50 Durometer flexible rubber squeegee.

DRYING TIME:

Dependent on the ambient temperatures and humidity;

- 60°F and rising – 2-4 hours dry time @ 50% relative humidity.
- 70°F and rising – 1-2 hours dry time @ 50% relative humidity.
- Indoor application – 8 hour dry time with good heat ventilation (1 coat per day recommended)

COLOR:

Bluish

COVERAGE:

Over Asphalt or Concrete:

- 4 coats - .1-.11 gallons per square yard per coat (9-10s.y. / gal/coat)

Over Plexicushion Base Coat:

- 1st Coat - .16 gallons per square yard (6-7s.y. / gal.)
- 2nd Coat - .10-.11 gallons per square yard (9-10s.y. / gal.)
- 3rd Coat (if specified) - .10-.11 gallons per square yard (9-10s.y. / gal.)

LIMITATIONS:

- The Plexicushion system will not prevent substrate cracks from occurring and reoccurring.
- Allow each application to dry thoroughly before subsequent applications.
- Do not apply if surface temperature is less than 60° F or more than 140°F.
- Do not apply over tar based emulsion sealers
- Allow asphalt to cure for a minimum of 14 days in summer conditions.
- Allow concrete to cure for a minimum of 28 days in summer conditions
- Do not use curing agents on concrete surfaces.
- Apply only when ambient temperature is 60° F and rising.
- Do not apply when rain is imminent.
- Used mixed material promptly after diluting with water.
- Outdoor concrete MUST have a vapor barrier in place underneath the concrete.
- Keep containers tightly closed when not in use.
- DO NOT STORE IN HOT SUN.
- KEEP FROM FREEZING.

**SPECIFICATION
PLEXICUSHION
RESILIENT UNDERLAYMENT**

1.0 SCOPE

- 1.1 This specification pertains to the application of Fortified Plexicushion over tennis courts and other recreational areas as designated in the site plans. The material shall be for use over indoor and outdoor asphalt, indoor concrete and outdoor concrete with a proper vapor barrier in place. Application shall be equally durable on each of the specified substrate conditions.
- 1.2 The work shall consist of suitable cleaning and preparation of the asphalt or concrete to assure a satisfactory bond of Plexicushion to the substrate.

2.0 DESCRIPTION

The asphalt (or concrete) surface to receive the Plexicushion System shall be clean, sound, and free of grease, oils and other foreign materials. All ridges, cracks and birdbaths shall be filled and leveled with Court Patch Binder according to specifications 10.14. Surfaces shall have a slope of 1" in 10', all in one plane, and variations shall not exceed 1/8th in ten feet measured in any direction when measured with a 10' straight edge.

- 2.1 Asphalt—Allow asphalt to cure for a minimum of 14 days. Proceed with patches as specified above. Allow all patch work to dry and apply one coat of Acrylic Resurfacer to provide a uniform underlayment according to specification Section 10.8.
- 2.2 Concrete—The concrete surface shall have a wood floor or light broom finish. DO NOT PROVIDE A STEEL TROWEL FINISH. DO NOT ALLOW ANY CURING AGENTS OR HARDNERS TO BE USED. Acid etch concrete with Concrete Preparer according to specification 10.13.

Proceed with patching as specified above. Allow all patch work to dry and prime the surface with California Ti-Coat according to specification 10.17 Acrylic Resurfacer must be applied within 1-3 hours after Ti-Coat application and while the material is dry but still tacky to the touch.

3.0 PLEXICUSHION

<u>Plexicushion Club</u>	<u>Plexicushion Tournament</u>	<u>Plexicushion Prestige</u>
1 coat of Acrylic Resurfacer	1 coat of Acrylic Resurfacer	1 coat of Acrylic Resurfacer
4 coats of Plexicushion	2 coats of Plexicushion Base Coat	3 Coats of Plexicushion Base Coat
Plexipave Color System	3 coats of Plexicushion	3 coats of Plexicushion
	Plexipave Color System	Plexipave Color System

4.0 APPLICATION

- 4.1 Plexicushion should be diluted with one (1) part water to four (4) parts Plexicushion to improve flowability. When applying in extremely warm climatic conditions or when using an approved mechanical sprayer, the material may be applied at one (1) part water to three (3) parts Plexicushion. The Plexicushion shall be thoroughly mixed at the job site.
- 4.2 Plexicushion is applied (in a similar manner to Plexipave) in windrows on the surface with sufficient quantity to cover as the squeegee is pulled over the surface. Apply only light pressure to the squeegee. Do not allow ridges to form between passes of the squeegee. Any ridges existing after this material has dried can be removed by rubbing with a mason stone or heavy sand paper.
- 4.3 Plexicushion applications should be allowed to thoroughly dry prior to application of subsequent coats. Indoor applications will require more drying time with proper heat and ventilation.

5.0 GENERAL

- 5.1 The contractor shall remove all containers, surplus materials and debris upon completion of work leaving the site in a clean, orderly condition that is acceptable to the owner. Gates shall be secured and all containers shall be disposed of in accordance with Local, State and Federal regulations.
- 5.2 Materials specified for the Plexicushion System shall be delivered to the site in sealed, properly labeled drums with California Products Corporation labels that are stenciled with proper batch code numbers. Products packaged or labeled in any other manner will not be accepted. Mixing with clear, fresh water shall only be done at the job site. Coverage rates are based upon material prior to mixing with water as specified.

