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SECTION 10.73

EXTERIOR/INTERIOR

**SITE IMPROVEMENTS
ATHLETIC FACILITIES**

PLEXITRAC BINDER

DESCRIPTION

Plexitrac Binder is a specially formulated water-based resin that is designed for job mixing with SBR or EPDM rubber granules to produce a high strength, resilient running track surfacing system. The unique drying capability and viscosity of Plexitrac Binder allows for uniform field mixes and single, full depth applications. The surfacing system is an environmentally friendly, elastomeric, spike resistant surface that can be applied over properly prepared asphalt or concrete surfaces. Plexitrac Binder comes ready to mix for various mix ratios and application methods.

SURFACE USES

Over properly prepared surfaces for:

- Running Tracks
- Field Events
- Jogging Surfaces

APPLICATION

Spray unit approved by manufacturer. 1 ¼" air-operated double diaphragm pump (70 g.p.m.) powered by a 5.5 h.p. air compressor with a surge dampener to control pulsation. System utilizes a seal coating spraywand and spraytips (tip sizes 80/30 or 80/40).

DRYING TIME

For 2-3 hours at 70F and 50% humidity.

Shade and lower temperature will slow drying considerably. 3/8" thickness can be installed in single, full depth applications. This application is safe from rain damage 5 hours after installation under proper drying conditions (70F and rising and 50% relative humidity). For full depth applications, allow 1 week for proper curing before use.

COLOR

Black or Red. Special colors available upon request. Track appearance is enhanced by the color of the rubber granules. Surface should be top coated with approved top coat material (see California Products Corporation Specification 10.71).

COVERAGE

The coverage will vary depending on depth specified, rubber composition and density, and method of installation.

Color:	Thickness:	Rubber Granules:	Plexitrac Binder (minimum):
S.B.R.			
Black	¼"	5.5-7.0 lb./sy	.31-.39 gal./sy
Black	3/8"	8.0-10.5 lb./sy	.44-.60 gal./sy
Black	½"	11.0-14.0 lb./sy	.61-.78 gal./sy
E.P.D.M.			
Red	¼"	7.5-9.0 lb./sy	.32-.38 gal./sy
Red	3/8"	11.0-13.5 lb./sy	.46-.56 gal./sy
Red	½"	15.0-18.0 lb./sy	.63-.75 gal./sy

MIX

When spraying Plexitrac Binder, mix ratio is 2 parts material to 1 part water. When combining with rubber granules for a full-depth application, do not dilute Plexitrac Binder with water.

For SBR rubber granules, the ratio shall be 18 lbs. of **1-3 MM** rubber granules to 1 gallon of Plexitrac Binder.

For EPDM rubber granules, the ratio shall be 24 lbs. of **1-3 MM** rubber granules to 1 gallon of Plexitrac Binder.

The coverage rate for rubber granules is dependent on the specific gravity (density) of the rubber and the installation method of the surfacing system. Different densities will affect the dry bulking value of the rubber, which determines the weight per square yard for a specified thickness. The specific gravity for rubber particles can vary between colors, size and manufacturers. It is recommended to consult the manufacturer for more information. Also, different application methods can affect the overall system density, requiring lower or higher volumes of product. System weights and volumes shall be verified by on-site sample methods.

LIMITATIONS

- Apply only when ambient temperature is 50F and rising.
- Do not apply when rain or high humidity is imminent.
- Do not apply if surface temperature is in excess of 130F.
- Keep from freezing and do not store in hot sun.
- Allow new asphalt to cure at least 14 days in summer conditions.
- Allow new concrete to cure at least 28 days in summer conditions.

DISCLAIMER

This product is offered in good faith, but without guarantee or warranty, as conditions and methods of use are beyond our control. Suggestions for use of our product or inclusion of descriptive materials from patents should not be understood as recommending the use of our product in violation of any patents.

GENERAL

Materials must be specifically designed for the construction of running track surfaces. Materials specified shall be delivered to the site in sealed, properly labeled drums with California Products Corporation labels that are stenciled with the proper batch code numbers. Products packaged or labeled in any other manner will not be accepted. Minimal addition of clear, fresh water at the job site is dependent on temperature and material flow. Coverage rates are based upon material prior to mixing with water. Dispose of empty containers in accordance with local, state and federal regulations.