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SECTION 10.71

EXTERIOR/INTERIOR

**SITE IMPROVEMENTS
ATHLETIC FACILITIES**

PLEXITRAC SURFACER

DESCRIPTION:

Plexitrac Surfacers is a pigmented acrylic coating that is specifically designed to seal, rejuvenate and resurface asphalt, SBR-Late and existing Resilite-type athletic surfaces. Filled with specially selected EPDM granules, Plexitrac Surfacers provides a beautifully colored textured filler coat that maintains excellent UV resistance and retards oxidation and raveling of the treated surface. Due to its high flexibility and good recovery, Plexitrac Surfacers will enhance the elasticity and impact resistance of a resilient subsurface. This ready-to-use material may be applied either by squeegee or approved spray unit.

SURFACE USES:

Over asphalt, Resilite, sand/asphalt/rubber, SBR-Latex and some existing urethane systems:

- Running Tracks
- Field Event Areas
- Jogging Surfaces

APPLICATION:

- 24" to 36" 50-Durometer flexible rubber squeegees as approved by manufacturer.
- Spray unit approved by manufacturer. 1 1/4" 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 spray wand and spray tips (tip sizes 80/50, 80/60, or 80/70).

DRYING TIME:

- Approximately one to two depending on thickness, ambient temperature and humidity. Allow to cure 72 hours before use.

COLOR:

- Black and Red – other colors available by special order.

COVERAGE:

- Squeegee Application (.50-.22 gal./sq. yd.)

- Spray Application (.26-.16 gal.sq. yd.) (When spraying over dissimilar color rubber, minimum application must be at least .30 gal. sq. yd.)

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 140F.
- Do not allow spillage to dry on surface.
- Keep from freezing – do not store in the hot sun.
- Allow new asphalt to cure at least 14 days.
- Plexitrac Surfacer will not correct inherent deficiencies of the existing surfacing system.
- Do not apply Resilite-type surfaces that have been installed for less than one year.

SPECIFICATION PLEXITRAC SURFACER

1.0 SCOPE

- 1.1 This specification pertains to the application of ready-to-use Plexitrac Surfacer to be used over surfaces as designated in the site plans. The material shall be specifically designed for use over asphalt. Resilite-type or SBR-latex running tracks.
- 1.2 The work shall include suitable cleaning of the surface to be treated to assure satisfactory bond of the Plexitrac Surfacer.

2.0 SURFACE PREPARATION

- 2.1 The surface to receive Plexitrac Surfacer shall be clean, sound, free of grease, oils and other foreign materials and shall be properly patched or repaired, as required. Sub-base surface shall meet the grade and pitch requirements recommended for track construction. The application contractor of Plexitrac Surfacer shall be responsible for removing by broom, vacuum or blower (as appropriate in each area for safety and convenience) all dust, dirt, loose materials and imbedded soil. They shall mechanically wash areas not easily cleaned. Tree stains and resins shall be removed.
- 2.2 Areas of delamination, raveling and distress must be removed and patched with compatible repair materials (consult California Products or original track installer for more information) Plexitrac Surfacer will not resolve problems caused by inadequate base or surface construction.

3.0 MIXES

- 3.1 Plexitrac Surfacer contains specifically blended EPDM rubber granules that provide texture, fill characteristics, resiliency and enhance UV stability. Dilution up to 10% with clean, potable water is allowed to improve workability.

4.0 APPLICATION

4.1 New and Existing Asphalt Surfaces

- Level with Court Patch Binder mix or Plexipatch (see Specification 10.14/10.21).
- 1 coat Acrylic Resurfacer (see Specification 10.8).
- Plexitrac Surfacer (see Specification 10.71)- Minimum application .30 gallon/sq. yd.

4.2 SBR Latex Track Surfaces

- Level and fill with compatible repair materials.
- Plexitrac Surfacer – minimum application of .30 gallons per square yard required.

4.3 All lane markings shall be made with Plexicolor Line Paint in the color specified by the owner.

5.0 GENERAL

5.1 Materials specified for the Plexitrac System shall be delivered to the site in sealed, properly labeled containers or approved tanker and any water used in mixing shall be fresh and clear. Spread rates are based on manufacturer's recommendations and normal surface conditions.

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