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SECTION 10.25

EXTERIOR/INTERIOR

**SITE IMPROVEMENTS
ATHLETIC FACILITIES**

ACRYLOTEX® SYSTEM

DESCRIPTION:

Acrylotex is a unique, durable 100% acrylic coating designed for use on asphalt and concrete surfaces. Acrylotex provides a colorful medium texture, non-skid surface that is well accepted for pedestrian walkways, median areas, and medium-use traffic areas and multisport use.

SURFACE USES:

- Netball Courts
- Basketball Courts
- Spray Parks
- Tennis Courts
- Pedestrian walkways
- Median strips
- Medium traffic pavements
- Plazas
- Airport Aprons
- Parking Lots

APPLICATION:

- Rubber-faced squeegee. 50-70 durometer, depending on pavement porosity.

DRYING TIME:

- Approximately 30 minutes to 1 hour for each coat (addition of Portland Cement will accelerate drying and curing).
- Ready for foot traffic 24 hours after final coat is dry.

COLOR RANGE:

13 standard colors – see Plexipave color chart

Note: Addition of Portland cement can shift color of finished surface.

COVERAGE:

.07 - .1 gallon per square yard per coat depending on surface texture and porosity.

LIMITATIONS:

- Apply only when ambient temperature is 50°F and rising.
- The surface should be sound, free of cracks and deterioration.
- Do not apply when rain or high humidity is imminent.
- Keep from freezing.
- Do not store in the hot sun.
- Keep containers tightly closed when not in use.
- Acrylotex will not prevent pavement cracks from occurring or reoccurring.
- Mixed material will harden and be unusable within one hour of addition of Portland cement.
- Shaded areas will dry more slowly.
- Acrylotex is NOT a waterproofing material.

APPLICATION SPECIFICATIONS

1.0 SCOPE

This specification covers the application of a colored surface texture for new or existing asphalt or concrete surfaces that have a sound, well-drained base of adequate thickness and stability. Existing surfaces should be properly sloped for good drainage and free from cracks. Exterior surfaces should have a slope of at least 1%. The process consists of the repair of any minor depressions, followed by applications of the Acrylotex System.

2.0 SURFACE PREPARATION

2.1 Allow new asphalt to cure a minimum of 14 days and new concrete to cure for a minimum of 28 days. Do not allow the use of curing agents. Do not allow a steel trowel finish on concrete.

2.2 Clean the entire surface. Power blowers should be used to remove dust and debris. Pressure washing may be needed to remove stains. Pressure should be less than 2500 lbs./in².

2.3 Prior to the application of surfacing materials, the entire surface should be flooded and checked for depressions or irregularities. Any puddled area covering a nickel shall be marked and repaired with Court Patch Binder using the following mix:

100 lbs. 60-80 mesh silica sand (dry)

3 gallons Plexipave Court Patch Binder

1 to 2 gallons Portland Cement (dry) depending on humidity and temp.

A tack coat consisting of 1 part Court Patch Binder and 2 parts water shall be applied to the patch areas and allowed to dry thoroughly prior to patching. For more information see California Products Corporation Specification 10.14 or Plexipatch Specification 10.21. Cracks should be filled with Court Patch Binder mix or crack-filling products compatible with acrylic finishes.

3.0 ACRYLOTEX AND PLEXICHROME

3.1 Acrylotex shall be applied by rubber bladed squeegee on the clean, dry surface in two applications to obtain a total quantity of not less than .16 nor more than .22 gallons per square yard based on the material prior to any dilution. No application shall be covered by a succeeding application until thoroughly cured.

Acrylotex and Plexichrome shall be mixed as follows, using a mechanical mixer:

Acrylotex: 30 gallons

Plexichrome: 10 gallons

Water: 20 gallons

Type I White Portland Cement (dry): 1-2 gallons (optional for additional hardness and faster drying)

Note: 1 gallon equals approximately 22 lbs. dry Portland cement.

The diluted material shall be homogeneous. Segregation before or during application will not be permitted. Portland cement should be added slowly to avoid "balling" in the mixture.

The finished surface shall have a uniform appearance.

4.0 LIMITATIONS

No parts of the construction involving the Acrylotex System shall be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 50°F and rising. Do not apply when surface temperature is above 140°F.

The Acrylotex System will not prevent surface or structural cracks from reoccurring.