



Guideline Specifications For New Tennis Courts **Acrylic Color Court Systems For Tennis Courts**

1. Objectives

- A. To provide a surface properly drained, without depressions exceeding acceptable tolerance.**
- B. To provide a surface of uniform texture, speed of play and desired playing quality**
- C. To provide a weather-resistant and ultra-violet-resistant, durable, non-glare, protective finish.**
- D. To provide color, contrast and other aesthetic values.**

1.01 – Applicator Qualifications

- A. A company regularly engaged in outdoor or indoor Tennis Court Construction with a minimum of 5 years experience.**
- B. The contractor will provide to the owner before contract signing the proposed system and manufacturer of such system for review and approval.**
- C. Before beginning field operations the applicator shall furnish the owner a list containing a minimum of three outdoor tennis projects that the applicator has constructed that are more than one year old and less than five years old.**
- D. The above projects shall have had the same brand and type coatings used as are proposed for the current project.**
- E. The listed references shall contain the owners name, address, telephone number and contact person or persons.**

2.0 Surface Inspections

Prior to application of Color Court Finish System, the court surface should be flooded with water and allowed to drain for one hour at 70 degrees Fahrenheit. If there is any remaining water that covers a 5 cent piece (American coin), that area, commonly called a “birdbath”, should be patched and leveled in accordance with recommendations of the manufacturer of the Color Court Finish Systems.

(Note: If the standing water does not cover a 5-cent piece, it is considered within tolerance and will evaporate within a reasonable

time.) Reflooding and patching may be necessary until “birdbaths” are properly minimized.

3.0 Preparation

Surface course and subsurface materials must have been installed to proper slope requirements (.833% - 1.0%) in accordance with the U. S Tennis Court And Track Builders Association Construction Guidelines and must be thoroughly cured (A minimum if 14 days for asphalt and 28 days for concrete), before application of Color Court Systems Fillers Or Finishes.

- A. Asphalt – Based on pavement conditions, porosity and texture, and upon completion patching, it may be necessary to install Color Courts Acrylic Resurfacer to provide a smooth, dense, uniform texture for subsequent Color Court Coatings. Follow the instructions of the manufacturer in the application of any resurfacer.**
- B. Concrete – Surface preparation should include phosphoric acid etching with a thorough rinsing. Priming and patching should be as recommended by Color Court Systems. Based on pavement conditions, porosity and texture, it may be necessary to install Color Courts Acrylic Resurfacer to provide a smooth, dense, uniform texture for subsequent Color Court Coatings. Follow the instructions of the manufacturer in the application of any resurfacer.**

4.0 Coating Materials

- A. Acrylic Resurfacer shall be 100% acrylic emulsions and resins with a minimum of 35% solids by weight.**
- B. Color Courts Cushion Coat shall be 100% acrylic emulsions and resins with a minimum of 35% solids by weight.**
- C. Color Court Coating shall be an acrylic resin emulsion with a minimum of 32% Solids by weight.**

4.01 Coating Schedule

- A. First Coat – Color Courts Acrylic Resurfacer Maximum 150 s.f. Per gallon with 8-10 pounds silica sand per gallon.**
- B. Second Coat – Color Courts Acrylic Resurfacer Maximum 175 s.f. Per gallon with 8-10 Pounds of silica sand per gallon.**
- C. Third Coat – Cushion Coat maximum 125 s.f. Per gallon**

- D. Fourth thru Fifth Coats – Cushion Coat maximum of 150 s.f. Per gallon.
- E. Sixth and Seventh Coats – Color Coat with 2.5-3.6 lbs per gallon of silica sand. Maximum spread of 175 s.f. Per gallon.
- F. Eighth Coat – Color Coat maximum spread of 225 s.f. Per gallon.
- G. All materials shall be undiluted.

5.0 Color Selection.

The owner will select from the manufacturers standard colors.

6.0 Application of Color Courts Materials

The Coatings should be installed in multiple applications in the selected and approved Colors, so as to form a true, uniform texture and color. Minor aesthetic differences may be seen when viewing the court from different angles and under certain lighting conditions. Application work should be performed by skilled mechanics in a workman-like manner and in accordance with the manufacturers standard printed instructions. No work should be performed when rain is imminent. Temperatures must be 50 degrees Fahrenheit and rising for application. Surface temperatures in excess of 140 degrees Fahrenheit may not allow proper film formation.

7.0 Playing Lines

Base lines should not be more than 4" wide and playing lines not more than 2" wide, accurately located and marked in accordance with rules of the United States Tennis Association and painted with a paint recommended or approved by the manufacturer of the finish materials. The use of traffic, oil, alkyd, or solvent-vehicle type paint is prohibited. The painting should be done by skilled mechanics in a workman like manner in accordance with the manufacturers standard printed instructions. At no time should the playing lines or the line dimensions vary more than 1/4" from exact measurement.