

**SECTION 32 13 60
COURT SURFACING**

APWA STANDARD SPECIFICATIONS ARE HEREBY AMENDED TO INCLUDE THE FOLLOWING:

PART 1 - GENERAL

1.1 SUMMARY

- A. This section includes surfacing of pickleball courts.
- B. The Contractor shall be experienced in placing surfacing for post tensioned pickleball courts.
- C. Related Sections include the following:
 - 1. Division 32 Section 32 13 52 "Reinforced Post-Tensioned Concrete Court".

1.2 QUALITY ASSURANCE

- A. The work in this Section shall comply with the requirements of the American Sports Builders Association (ASBA) and shall conform with their standards for court construction. Contractor shall have an ASBA Certified Tennis Court Builder on staff. Proof of certification shall be required of successful bidder.
- B. Contractor is required to submit three similar successfully executed projects.
- C. Bonding requirements shall be per City requirements.

1.3 LIMITATIONS

- A. Application temperature shall be a minimum of 60° F and surface temperature not above 130° F. Do not apply when surface is wet or if rain is imminent or forecast, or if night time temperatures are to be lower than 45° F. Keep from freezing. Do not store in direct sunlight for an extended period of time. Container shall be closed when not in use.

1.4 GUARANTEE

- A. The Contractor shall guarantee the work against defective materials or faulty workmanship for the period of one (1) year and that the colored surface will not wear through for a period of two (2) years from date of completion.

PART 2 - PRODUCTS

2.1 PRIMER

- A. Prime coat if required shall consist of a mixture of 100% acrylic latex, diluted 1:4 with water.

2.2 ACRYLIC RESURFACER

A. Acrylic resurfacer coats shall consist of the following mixture:

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| 1. | 55 gals | Players Choice Acrylic Resurfacer Concentrate or approved equal. |
| 2. | 400 lbs. | Silica Sand |
| 3. | 18-23 gals | Fresh, Potable Water |

2.3 ACRYLIC COLOR

A. The acrylic color applications for a slow tennis surface will consist of two (2) coats of the following mixture:

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| 1. | 55 gals | Players Choice Acrylic Color Concentrate or approved equal. |
| 2. | 400 lbs. | Washed Silica Sand, #50 |
| 3. | 18-23 gals | Fresh, Potable Water |
| 4. | Color Selection: | Playing Area – blue as selected and approved by Owner.
Perimeter Area – green as selected and approved by Owner. |

2.4 PLAYING LINES

A. Playing lines shall be painted on using Players Choice Athletic Surfaces white, acrylic latex line paint or approved equal.

2.5 MANUFACTURERS

A. Players Choice Sport Surfacing Systems – Division of California Products Corp, 150 Dascomb Road, Andover, MA 01810 USA, (800) 225-1141; or approved equal.

PART 3- EXECUTION

3.1 SURFACE PREPARATION

A. Prior to the surfacing applications, the concrete shall be thoroughly cleaned (if needed) by the use of a power broom or power washer.

3.2 ACID ETCHING

A. If a compatible sealer is not used on the concrete, the concrete surface must be etched with muriatic acid, diluted with water at one part acid to ten parts water (always pour acid into water). Keep surface moist ahead of acid etching procedure. Brush acid into surface with a stiff broom. Acid solution should foam when poured onto concrete. Scrub surface to remove all dirt, as acid will not affect dirt. Flush surface thoroughly with water after acid solution stops foaming. Do not allow the acid etching mixture to dry on the surface.

3.3 PRIME COAT

- A. Prime coat shall be applied when acid-etching is required. The primer shall be applied with a stiff broom immediately following the acid etching procedure, when the surface has dried. Primer shall not be allowed to puddle.

3.4 ACYLIC RESURFACER

- A. The mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The mixture will be applied over the entire court surface with a twenty-four inch (24") to thirty-six inch (36") rubber-tipped squeegee. The resurfacer coat(s) shall provide a uniform surface, with no ridges. One coat shall be applied, and further coats will be applied if necessary to provide for a uniform surface.

3.5 ACRYLIC COLOR

- A. The mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The mixture will be applied over the entire court surface using a twenty-four inch (24") to thirty-six inch (36") rubber-tipped squeegee. The color is to be free of ridges and uniform. Refer to Part 2.3 for number of applications and court color selection.

3.6 PLAYING LINES

- A. A minimum of four hours after completion of the color coating, the playing lines two inches (2") wide will be accurately located and marked by snapping a chalk line and placing one inch (1") masking tape guides, using a line taper. Latex acrylic line paint will be brushed on to provide a uniform line. The lines shall have clear definition and ragged lines will not be accepted.

END OF SECTION