

Section 3.00 - Specifications
PHS Tennis Court Resurface Project 2023

Description of Work:

It is preferred for quality assurance for the contractor to be a member of the American Sports Builders Assoc.(ASBA). Please indicate if the vender is an ASBA member. Certification or court construction experience of each bidder will be considered.

COURT PREP SPECIFICATIONS:

1. Tennis nets are to be removed and stored (or replaced for "Add Cost"). Nets to be installed following completion of work.

2. Courts are to be thoroughly pressure washed using pressure washers generating enough power (3,500 psi) and turbo-tip to remove as much loose paint and surface material as needed to provide a surface that new surface coatings can bond to. Any previous surface coatings that remain following pressure washing is to be considered "sufficiently bonded".

3. Courts will be flooded with water and allowed time to drain. Any depressions or areas where the concrete is low or damaged is to be marked and filled with Patch Binder, concrete, and sand mix. Edges of filled areas to be sanded off flush with the surface of the courts.

Note: Low areas to be filled so that no standing water is deeper than a nickel.

4. Using Patch Binder, fill any "open" cracks or expansion joints that are wider than one-eighth (1/8 th) inch, and sand off "as needed". Crack repairs shall be flush with the court surface.

Note: Apply 6" wide fiberglass with Filler Coat Resurfacer to random cracks to help hide cracks before applying sand-filled filler coat to entire surface.)

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SURFACING SPECIFICATIONS:

1. Filler Coat: After court repairs and prep work have been completed, apply one (1) coat of Advantage Acrylic Fill according to the following mix design:

Acrylic Fill 55 gallons

Sand 600 lbs. (60-70 mesh)

Water 25-30 gallons

a.) Mix materials thoroughly and apply using a rubber bladed squeegee made for the application of tennis court surfacing materials.

b.) Allow the application of Acrylic Fill to properly dry and then scrape off any ridges or rough spots prior to subsequent application of surface materials.

2. Color Coats: Apply two (2) coats of Advantage Color Concentrate with a coverage rate of .05 gallons per square yard using the following mix design:

Color Concentrate 55 gallons

Silica Sand 450 lbs (60-90 mesh)

Water 25-30 gallons

Note: Care to be taken to not leave ridges. Apply the second coat only after the first coat has completely dried.

Color(s) Inbounds: Purple

Out-of-Bounds: Medium Green

Note: Surface Options: Laykold (ATP) or Acrytech Sports Surfaces

3. Playing Lines: After marking and taping lines, apply textured line paint (2 coats). Care to be taken to make sure lines are straight and do not have "fuzzy" edges.

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4. Nets: Re-hang any removed nets and leave courts in a “ready-to-use” condition. Clean site removing any construction debris.