

# GUIDE SPECIFICATION

## COMBINATION SURFACE SYSTEM

### • FOR NEW HOT MIX ASPHALT TENNIS COURTS

#### I. PART 1 - GENERAL

##### 1.1 SUMMARY

A. This section is a part of the entire set of Contract Documents and shall be coordinated with the applicable provisions of the other parts.

B. Related Sections:

##### 1. STANDARDS

All work shall be done in accordance with American Sports Builders Association (A.S.B.A.) guide specifications.

##### 2. SITE INVESTIGATION

Refer A.S.B.A. guide specification 1.B.

##### 3. VEGETATION CONTROL

Refer to A.S.B.A. guide specification 1.D.

##### 4. SITE PREPARATION, EARTHWORK, DRAINAGE AND SUBBASE CONSTRUCTION

Refer to A.S.B.A. guide specification 1.C.

##### 5. COURT CONSTRUCTION

Follow A.S.B.A. guide specification II. I: Hot Mix Asphalt Tennis Courts. The following are covered in these documents: Slope Requirement, Perimeter Edging, Base Construction, Compaction, Base Tolerance, Leveling Course, Asphalt Surface Course, and Asphalt Mix Design.

##### 1.2 SCOPE OF WORK

A. This specification covers the construction and installation for: (#) Tennis courts at (*project name & location*).

B. Tennis courts shall be cleaned using a stiff bristle broom and gas powered blower or water based pressure spray unit capable of generating 2500 psi at the nozzle tip, to remove all dirt and debris.

C. The work to be performed under this specification includes all labor, equipment, materials and supplies necessary for the installation of the tennis courts included in this contract.

#### II. PART 2 - PRODUCTS

##### 2.1 TENNIS COURT SURFACE MATERIAL

A. Tennis Court Surfacing Materials shall be:

1. Novacrylic, as manufactured by Nova Sports U.S.A., 6 Industrial Rd., Bldg. #2., Milford, MA 01757. 800-USA-NOVA
2. Approved equal

B. All coatings shall be pure acrylic, containing no asphaltic or tar emulsions, nor any vinyl, alkyd or non-acrylic resins. The color system shall be factory-mixed compounds requiring only the addition of water at the jobsite except for the addition of sand to Novasurface. All materials shall be delivered to the jobsite in sealed containers with the manufacturer's label affixed.

#### III. PART 3 - EXECUTION

##### 3.1 APPLICATION

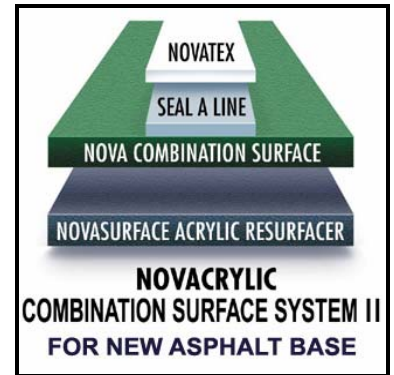
A. New asphalt pavement shall cure for 14 days prior to application of any surfacing materials.

B. Contractors must notify the Landscape Architect of all applications, 48 hours prior to installation.

C. The surface to be coated shall be inspected and made sure to be free of grease, oil, dust, dirt and other foreign matter before starting work.

D. The surface shall be flooded. Any ponding water remaining that is deep enough to cover the thickness of a five-cent piece shall be corrected using a patch mix consisting of Novabond, 50-mesh sand and Portland cement, as per manufacturers directions. Depressions must be primed with a 50% dilution of Novabond and water prior to patching.

E. Application shall proceed only if the surface is dry and clean and the temperature is at least fifty degrees (50°F) and rising, and the surface temperature is not in excess of one hundred forty degrees (140°F). Do not apply coatings when rain is imminent.



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- F. Each coat in this system must dry completely before next application. Between each coat, inspect entire surface. Any defects should be repaired. Scrape surface to remove any lumps, and broom or blow off all loose matter.
- G. Using a neoprene rubber squeegee, apply one (1) coat of Novasurface acrylic resurfacer, diluted with one (1) part clean water to two (2) parts Novasurface. Clean, bagged sand shall be incorporated into the diluted Novasurface at the rate of five (5) to ten (10) Lbs. per gallon. Sand gradation shall be 50 to 60-mesh. Allow application to dry thoroughly.
- H. Using a neoprene rubber squeegee, apply two (2) coats of Novacrylic Combination Surface, diluted two (2) parts concentrated material to one (1) part clean water (colors to be designated by owner). Allow each application to dry thoroughly. The quantity of water used in diluting these coatings may exceed the quantity specified by only a small amount and only if coatings are drying too rapidly. Permission of the owner shall be obtained before adding additional water.

#### 3.2 LINE MARKINGS

- A. Upon completion and acceptance of the tennis surface, this Contractor shall prepare and paint lines for tennis.
- B. All lines are to be applied by painting between masking tape with a paintbrush or roller, according to U.S.T.A specifications.
- C. Prime masked lines with Seal-A-Line. Allow application to dry.
- D. Paint lines with Novatex textured line paint. Allow application to dry.
- E. Remove masking tape immediately after lines are dry.
- F. Protect adjacent areas and structures (fences, posts, sidewalks, buildings, etc.), which are not to be coated. In the event that coatings are applied to above, remove immediately before drying is complete.

#### 3.3 COMPLETION

- A. Upon completion, the contractor shall insure proper removal of all construction debris, surplus materials, empty containers and wash water, and shall leave the site in a condition acceptable to the owner. The court is to be left secure so as to prevent vandalism.

#### 3.4 LIMITATIONS

- A. Apply coatings only when ambient temperature is 50 degrees F. and rising, and the surface temperature is not in excess of one hundred forty (140) degrees F.
- B. All NOVACRYLIC coatings are waterborne and cannot cure in cold temperatures or when subject to moisture. Care should be taken not to apply coatings when rain is forecast or sudden drop of temperature is expected. Climatic conditions such as very cool evenings and high dew points dictate that work should be completed early in the day so the coatings can be exposed to enough warm sunlight to form a film before sunset. The opposite applies during times of high heat, low humidity and drying breezes: under these conditions, work very early in the morning or very late in the day. If the product seems to be drying too fast in hot weather, mist the pavement with water to make the application easier. Care must be taken to allow each application to dry thoroughly prior to recoating.

END OF SECTION

#### IMPORTANT:

**THIS SPECIFICATION IS INTENDED ONLY AS A GUIDE, CONSULT WITH A PROFESSIONAL ENGINEER OR ARCHITECT PRIOR TO USING AS A FORMAL SPECIFICATION.**