



ADDENDUM #1

DATE: 3/28/2018

FROM: Colleen McCarty, Park Planner
ARLINGTON HEIGHTS PARK DISTRICT

TO: PROSPECTIVE BIDDERS – 2018 Forestview Color Coating Project

SUBJECT: ADDENDUM #1 – Clarification to bid documents

ADDENDA TO BID DOCUMENT

Change to Indoor Tennis Court Specs: Instead of 1 coat Acrylic Resurfacer, 2 coats of texture, and 1 coat of finish, instead use 3 coats of texture color.

Change to Outdoor Tennis Court Specs: Use 1 coat of Acrylic Resurfacer instead of 2 coats

Clarification to Indoor Tennis Court Lines: Use 1.5" lines for 10 & under lines and 3" baselines. There are no pickleball or 8 & under lines in the project.

Outdoor Color Coating, Materials Section, #4 on page 34 in the bid documents: I will accept the use of mechanical mixers if it's an approved method by the manufacturer for the product.

Riteway/Armor Crack Repair: Add a supplemental unit price of 1 LF for either the Armor Crack Repair or Riteway Crack Repair System. Add it as Item #7 in the supplemental unit price section on page 15 of the bid documents. Attached are the specifications for both systems.

Elite Sport Coating System is an approved equal for the project: Attached are the specifications.

**BIDDERS ARE REQUESTED TO SIGN THIS FORM AS A FORMAL
RECIPT OF THIS ADDENDUM AND TO RETURN IT WITH THE BID
FORM.**

SIGNED BY BIDDER _____

TENNIS COURT ARMOR CRACK REPAIR SYSTEM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Crack repair system for asphalt tennis courts.

1.2 RELATED REQUIREMENTS

- A. Tennis/Basketball Court Color Coating

1.3 SUBMITTALS

- A. Comply with Instructions to Bidders
- B. Product Data: Submit manufacturer's product data, including surface preparation, crack preparation, and installation instructions (if product is approved equal to Armor Crack Repair System).
- C. Manufacturer's Project References: Submit manufacturer's list of successfully completed asphalt tennis court crack repair projects, including project name, location, and date of installation (if product is approved equal to Armor Crack Repair System).
- D. Installer's Project References: Submit installer's list of three (3) successfully completed asphalt tennis court crack repair projects, including project name, location, type and quantity of crack repair system installed, and date of installation.
- E. Warranty Documentation: Submit manufacturer's standard warranty.

1.4 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 5 years, in manufacture of tennis court crack repair systems of similar type to that specified.
- B. Installer's Qualifications:
 - 1. Installer regularly engaged, for past 3 years, in installation of tennis court crack repair systems of similar type to that specified.
 - 2. Employ persons trained for installation of tennis court crack repair systems.
 - 3. Approved by manufacturer.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean, dry area.
 - 4. Store materials out of direct sunlight.
 - 5. Keep materials from freezing.
 - 6. Protect materials during storage, handling, and installation to prevent contamination or damage.

1.6 AMBIENT CONDITIONS

- A. Do not install tennis court crack repair system with any of the following conditions:
 - 1. Air Temperature:
 - a. Daytime: Below 70 degrees F.
 - b. Overnight: Below 60 degrees F.
 - 2. Overcast days.
 - 3. Day after it has rained.
 - 4. Rain: Expected that day or night.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. A.S.T., LLC, 5050 Industrial Road, Farmingdale, New Jersey 07727. Toll Free (877) 992-7667. Phone (732) 751-1212. Fax (732) 751-0383. Website www.armorcrackrepair.com. E-mail info@armorcrackrepair.com.

2.2 TENNIS COURT CRACK REPAIR SYSTEM

- A. Asphalt Tennis Court Crack Repair System: "Armor" Crack Repair System.
- B. Materials:
 - 1. Release Tape: "Armor" white release tape.
 - 2. Narrow Fabric: "Armor" 12-inch-wide white fabric. Knitted, expandable.
 - 3. Wide Fabric: "Armor" 20-inch-wide white fabric. Knitted, expandable.
 - 4. Mesh: "Armor" 12-inch-wide yellow mesh.
 - 5. Acrylic patch binder.
 - 6. Pure white/neutral acrylic resurfacer.
 - 7. Portland cement.
 - 8. Silica sand.
 - 9. Gravel Mix: 3/8 inch. For cracks over 3/4 inch wide.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive tennis court crack repair system.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin surface preparation or installation until unacceptable conditions are corrected.

3.2 SURFACE PREPARATION

- A. Prepare surfaces and cracks in accordance with manufacturer's instructions.
- B. Ensure surfaces and cracks are dry, clean, and contaminate free.
- C. Remove dirt, dust, debris, oil, grease, mildew, pollen, vegetation, leaves, and other surface contaminants which could adversely affect installation of tennis court crack repair system.
- D. Remove the Following Existing Materials:
 - 1. Crack repair materials that are loose or not bonded well to surfaces.
 - 2. Paints and coatings not bonded well to surfaces.
 - 3. Paints and coatings over asphalt emulsion materials compromised by water infiltration.
 - 4. Rubberized crack filling materials.
 - 5. Asphalt emulsion materials.

3.3 INSTALLATION

- A. Install tennis court crack repair system in accordance with manufacturer's instructions.
- B. Fill cracks and install release tape, narrow fabric, wide fabric, and mesh in accordance with manufacturer's instructions.
- C. Fill cracks with crack-repair materials approved by manufacturer based on crack width.
- D. Repair crack intersections and net post footings in accordance with manufacturer's instructions.
- E. Install tennis court crack repair system without wrinkles, bumps, air bubbles, or excessive fabric overlaps.
- F. Install tennis court crack repair system with proper bond to surfaces.
- G. Do not install tennis court crack repair system on cracks that emit moisture.
- H. Do not install tennis court crack repair system using asphalt emulsion.

3.4 PAINTING

- A. Paint [repaired areas] [tennis courts] as specified in Tennis/Basketball Court Color Coating after installation of tennis court crack repair system.

3.5 PROTECTION

- A. Protect installed tennis court crack repair system from damage during construction.

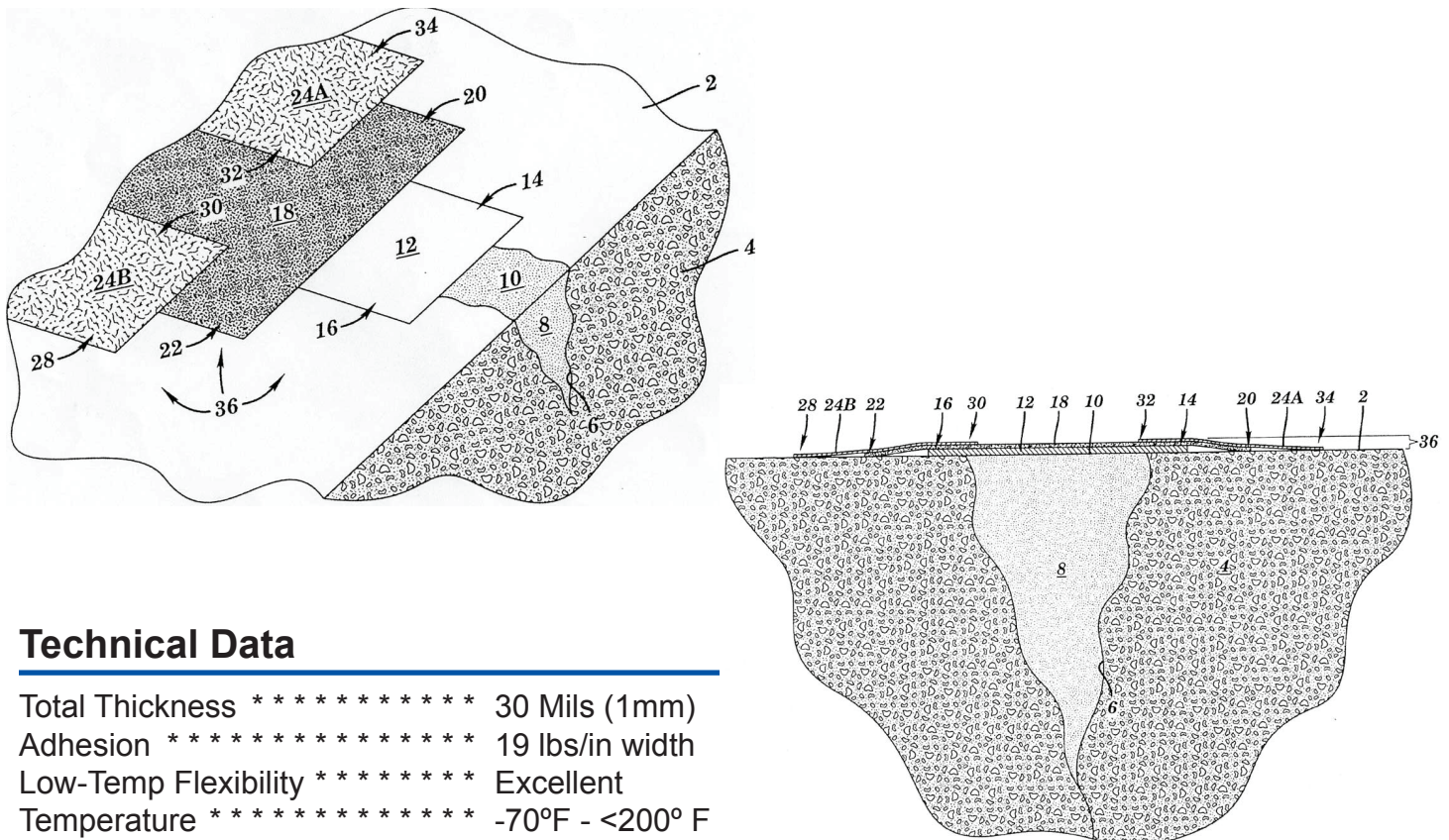
END OF SECTION

Cut Sheet

1. #4 = Base
2. #8 & 10 = Filled Crack
3. #12 & 14 = MicroSealant Tape
4. #18, 20 & 22 = Stress Matt 20"
5. #24A & B = Bonding Edge 9.5"

RiteWay WebSeal utilizes advanced MicroSealant™ Technology, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber (non-butyl) with a built-in primer, bonded to a woven polyester backing for maximum comfortability.

Designed NOT to harden under even the most rigorous conditions. Sag temperature >200° F. Adhesive is protected (while in a roll) by a tough, easily removed siliconized release liner, which prevents contaminations prior to its use. All materials are prefabricated to provide uniform thickness.



Technical Data

Total Thickness	*****	30 Mils (1mm)
Adhesion	*****	19 lbs/in width
Low-Temp Flexibility	*****	Excellent
Temperature	*****	-70°F - <200° F
Pliability	*****	No membrane cracking
Water Vapor Test (ASTME 96B)		.005 grms/100" sq./24hours/100°
Permanence	*****	.001 perms maximum
Elongation	*****	>500%
Application Temperature	*****	>150°F to 20°F



Fix Your Cracks — “Do it the RiteWay”

To ensure that you are getting the best crack repair system, include the following bid specifications:

1. Clean out crack making it free of dirt and other debris.
2. Crack to be filled from bottom to top with court patch binder or cement and let dry.
3. Filled crack must be scraped or buffed flush with court and cleaned, broomed and blown.
4. Area to be repaired must be DRY and at 60°F and up to 100°F.
5. Apply RiteWay Crack Repair System, centering the first layer RiteWay MicroSealant™ tape over filled crack. This flexible adhesive layer is key to the system. “Slip sheet” systems are not equivalent.
6. Apply Liquid Acrylic and Latex binding formula (50/50) over MicroSealant™ tape. Apply second layer 20” stress mat centered over first layer saturating with binding formula.
7. Apply binding edge, the third layer of the RiteWay Crack Repair System, centered over stress mat edge. Let dry.
8. When dry, apply a minimum of two coats of acrylic resurfacer with sand lengthwise over crack repair.
9. The courts are ready to be color coated and striped.

www.RiteWayTennis.com

No Dead Spots • No Hollow Sounds • No Bubbling

Fix your problem cracked courts.

“Do it the RiteWay.”



RiteWay Tennis Products • 4 Sycamore Way • Branford, CT 06405 • 1-877-5-RiteWay

SPECIFICATIONS FOR ELITE SPORT COATING SYSTEM APPLIED OVER ASPHALT

1. REQUIREMENTS

1.1 QUALITY ASSURANCE

- A.** Installing firm: Installer must regularly engage in applications of colored acrylic athletic surfaces. Documented experience must be provided. Minimum of 10 projects similar in complexity in the last 3 years.
- B.** Surfacing shall conform to the guidelines of the ASBA, (American Sports Builders Association).

1.2 WEATHER LIMITATIONS

- A.** Do not install when raining or rain is imminent.
- B.** Do not install if surface is wet or damp.
- C.** Do not apply unless surface and air temperatures are 50°F and rising.
- D.** Do not apply if surface temperature is more than 140°F.

1.3 ASPHALT CONDITIONS

- A.** New asphalt must cure for a minimum of 14 days.
- B.** Asphalt must be free of surface moisture and percolating moisture.
- C.** Asphalt must meet proper slope requirements.

2. SURFACE PREPARATIONS

2.1 SURFACE CLEANING

- A.** Surface shall be thoroughly cleaned. Free of any dirt, debris, and stains of any kind.
- B.** Power washing may be required if embedded dirt, or cement can not be completely removed with blowers and brooms.
- C.** Oil based material spills must be treated with a detergent and rinsed.

2.2 COURT DEPRESSIONS "BIRDBATHS"

- A.** Testing: Surface shall be flooded with water by rain or manually with clean water. Surface shall be allowed to drain for 45-60 minutes in sunlight at 70°F. Remaining depressions holding enough water to cover a five cent piece (American Nickel) shall be marked.
- B.** Apply acrylic patch binder mix to depressions and strike off with a straight edge. Before the product begins to dry, feather edges using a trowel, putty knife, or similar method.
- C.** Repeat testing and acrylic patch binder applications as needed to eliminate or reduce depressions to within tolerance.
- D.** Sand and pre-coat as needed to assure repairs are not visible following acrylic surface applications.
- E.** Strictly follow manufactures mixture guidelines and weather limitations.

3. COLOR COAT SYSTEM APPLICATION

3.1 ACRYLIC FILLER COATS (RESURFACER)

- A.** Two (2) coats of properly textured acrylic resurfacer shall be applied to entire surface. Special care shall be taken to keep a wet edge and remain consistent.
- B.** When surface is completely dry, surface shall be inspected for, ridges, bumps, and debris. Any inconsistencies shall be corrected prior to color coat applications.
- C.** Strictly follow manufactures mixture guidelines and weather limitations.

3.2 ACRYLIC COLOR PLAYING SURFACE

- A.** Complete a thorough inspection, remove any bumps or ridges in resurfacer coats, and clean surface of all loose dirt, leaves, or other debris.
- B.** If the surface is to receive multiple colors, apply chalk lines to distinguish the court area from the perimeter area. Follow USTA guidelines for court dimensions.
- C.** Colors and their placement shall be determined by the owner. Colors and the placement of the colors shall be verified by the owner prior color applications.
- D.** Textured acrylic color surface shall be applied in two (2) applications with a 50 durometer rubber squeegee. No application should be made until the previous application is thoroughly dry.
- E.** Strictly follow manufactures guidelines and weather limitations.

4. LINE APPLICATION

4.1 LINE PAINTING

- A.** Lines shall be carefully laid out in accordance with the ASBA guidelines.
- B.** Masking tape shall be applied and rolled to result in a two inch (2") wide width unless otherwise stated.
- C.** Masked lines shall be primed with acrylic line primer to seal the void between the textured surface and masking tape edge.
- D.** One (1) coat of textured white line paint shall be applied by brush or roller. NO SPRAY APPLICATIONS PERMITTED.

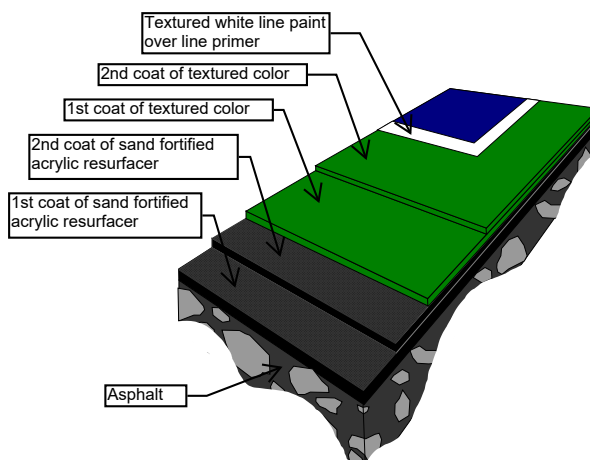
5. WORKPLACE HOUSEKEEPING

5.1 PROTECTION

- A.** No material or equipment shall be stored on site unless it is fully secured.
- B.** Erect temporary barriers to protect coatings during drying and curing.
- C.** Lock gates to prevent use for 48 hours or until accepted by owner. Whichever is longer.

5.2 CLEAN UP

- A.** Site shall be cleared of all construction debris, all waste shall be disposed of offsite in accordance with local, state and federal regulations.
- B.** Remove all barriers and locks.



ELITE ACRYLIC RESURFACER

1.0 DESCRIPTION

ELITE acrylic resurfacer is a heavy bodied, multi-purpose 100 % acrylic latex coating fortified with mineral fillers. It is supplied in its concentrated form and is diluted with water and sand prior to application. ELITE acrylic resurfacer can be provided in black or neutral color. ELITE acrylic resurfacer reduces surface porosity allowing for an evenly prepared surface for color applications.

2.0 USES

ELITE acrylic resurfacer is recommended for use on asphalt and concrete pavements for new and existing tennis courts, basketball courts, play areas, pathways, in-line hockey surfaces, and other recreational surfaces.

3.0 SURFACE PREPARATION

New and old surfaces should be thoroughly cleaned with compressed air and free of oil, grease, dirt, and other foreign matter. Embedded dirt should be brushed thoroughly prior to any coating application. Grease and oil spots should be treated and primed.

4.0 LIMITATIONS

- Asphalt must cure for a minimum of 14 days prior to application
- Concrete must cure for a minimum of 30 days prior to application
- Elite color concentrate does not prevent cracking
- Do not apply if surface temperatures is less than 50°F or more than 140°F
- Apply only when ambient temperature is 50°F and rising
- Do not apply when rain is imminent
- Do not store in hot sun
- KEEP FROM FREEZING

5.01 MIX DESIGN-TEXTURE COAT

The following mix is recommended for average pavement conditions. More sand can be added if better filling is required.

ELITE Acrylic resurfacer	55 gallons
Silica Sand (approx. 60-80 mesh)	550-800 lbs.
Water	28-33 gallons

5.02 COVERAGE

Depending on surface and Porosity

Base coat on new asphalt: .01-.07 gallons per square yard

Base coat on concrete: .07-.05 gallons per square yard

Second or third application: .06-.04 gallons per square yard

6.0 APPLICATION

ELITE Acrylic resurfacer is applied with a 50 durometer rubber squeegee.

Care should be taken not to leave ridges. When the first application has thoroughly dried, the second application shall be made at 90 degrees to the first application. Minimum of two coats are recommended over new asphalt pavement.

Note: Material must be stirred thoroughly before use, keep container covered when not in use.

7.0 CLEAN-UP

Rinse tools with water immediately after use. Dried material can be removed an approved solvents.

8.0 DRYING TIME

Elite acrylic resurfacer dries in 30-60 minutes under optimum drying conditions. Low ambient and surface temperatures will increase drying time. Additional coats and Color coats can be applied upon thorough drying of previous coat.

9.0 SHELF LIFE

Approximately 12 months.

10.0 CAUTIONS

Keep out of reach of young children. Do not take internally. If swallowed, call a physician immediately. In case of contact with eyes, flush immediately with water for 15 minutes and call a physician. When not in use, keep containers tightly closed and upright to prevent leakage.

11.0 PRODUCT DATA

Weight per gallon	8.8 ± .5 lbs
Type	Acrylic Emulsion
Odor	Slight ammonia
Flammability	Non-Flammable
Flash Point	None

STANDARD GUIDLINES FOR APPLICATIONS

NEW ASPHALT

2 Coats of sand fortified acrylic fill.

2 Coats of sand fortified color concentrate.

1 coat of line primer, and 1 coat of textured white line paint

NEW CONCRETE

Acid etch concrete

1 coat of sand fortified acrylic fill.

2 coats of sand fortified color concentrate.

1 coat of line primer, and 1 coat of textured white line paint

RECOLOR EXISTING

Multiply acrylic fill application over repairs where required.

1 coat of sand fortified acrylic fill.

2 coats of sand fortified color concentrate.

1 coat of line primer, and 1 coat of textured white line paint



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www.ustenniscc.com

ELITE COLOR CONCENTRATE

1.0 DESCRIPTION

ELITE Color is a heavy bodied, multi-purpose 100 % acrylic latex coating fortified with mineral fillers, fiber, and high quality pigments for a long lasting, attractive recreational surface. ELITE color can be used for a top coat, as well as a textured coat fortified with silica sand. It is supplied in its concentrated form and is diluted with water and sand prior to application. ELITE color comes in these vibrant colors: light green, dark green, light blue, blue, purple, brown, beige, and tan. Custom colors available upon request.

2.0 USES

ELITE Color is used as a colored surface on asphalt and concrete pavements for new and existing tennis courts, basketball courts, play areas, pathways, in-line hockey surfaces, and other recreational surfaces.

3.0 SURFACE PREPARATION

New and old surfaces should be thoroughly cleaned with compressed air and free of oil, grease, dirt, and other foreign matter. Embedded dirt should be brushed thoroughly prior to any coating application. Grease and oil spots should be treated and primed.

4.0 LIMITATIONS

- Asphalt must cure for a minimum of 14 days prior to application
- Concrete must cure for a minimum of 30 days prior to application
- Elite color concentrate does not prevent cracking
- Do not apply if surface temperatures is less than 50°F or more than 140°F
- Apply only when ambient temperature is 50°F and rising
- Do not apply when rain is imminent
- Do not store in hot sun
- KEEP FROM FREEZING

5.01 MIX DESIGN-TEXTURE COAT

The following mix is recommended for average pavement conditions. More sand can be added if better filling is required.

ELITE Color Concentrate	55 gallons
Silica Sand (approx. 60-80 mesh)	360-440 lbs.
Water	28-33 gallons

Application rate of Elite Color concentrate is .05-.07 gallons per square yard.

5.02 MIX DESIGN- TOP COAT

ELITE Color concentrate	55 gallons
Water	28-33 gallons

Application rate of Elite Color concentrate for top coat is .03-.04 gallons per square yard.

6.0 APPLICATION

ELITE Color is applied with a 50 durometer rubber squeegee. Care should be taken not to leave ridges. When the first application has thoroughly dried, the second application shall be made at 90 degrees to the first application. Minimum of two coats are recommended.

Note: Material must be stirred thoroughly before use, keep container covered when not in use.

7.0 CLEAN-UP

Rinse tools with water immediately after use. Dried material can be removed an approved solvents.

8.0 DRYING TIME

Elite color concentrate dried in 30-60 minutes under optimum drying conditions. Low ambient and surface temperatures will increase drying time. Color surface should cure 48 hours play.

9.0 SHELF LIFE

Approximately 12 months.

10.0 CAUTIONS

Keep out of reach of young children. Do not take internally. If swallowed, call a physician immediately. In case of contact with eyes, flush immediately with water for 15 minutes and call a physician. When not in use, keep containers tightly closed and upright to prevent leakage.

11.0 PRODUCT DATA

Weight per gallon	9.4 ± .5 lbs
Type	Acrylic Emulsion
Odor	Slight ammonia
Flammability	Non-Flammable
Flash Point	None

STANDARD GUIDLINES FOR APPLICATIONS

NEW ASPHALT

- 2 Coats of sand fortified acrylic fill.
- 2 Coats of sand fortified color concentrate.
- 1 coat of line primer, and 1 coat of textured white line paint

NEW CONCRETE

- Acid etch concrete
- 1 coat of sand fortified acrylic fill.
- 2 coats of sand fortified color concentrate.
- 1 coat of line primer, and 1 coat of textured white line paint

RECOLOR EXISTING

- Multiply acrylic fill application over repairs where required.
- 1 coat of sand fortified acrylic fill.
- 2 coats of sand fortified color concentrate.
- 1 coat of line primer, and 1 coat of textured white line paint



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ELITE**SPORT COATING SYSTEM**

ELITE LINE PAINT

Textured and Non-textured

1.0 DESCRIPTION

Elite Line Paint is a 100% acrylic marking paint for use on asphalt surfaces and color coated recreational surfaces and light traffic areas. Elite Line Paint provides excellent hiding and is highly resistant to climatic conditions. Elite Line Paint is available textured as well as non-textured. Elite Line Paint is available in white, red, light blue, dark blue, light green, dark green, purple, black, yellow, and custom colors upon request.

2.0 USES

Elite line paint is used on colored recreational surfaces, asphalt, and concrete surfaces. Ideal for new or existing tennis courts, basketball courts, youth game courts, pathways, in-line hockey surfaces, and other recreational surfaces.

3.0 SURFACE PREPARATION

Surface must be free of dust, dirt, debris and any loose materials. Concrete surfaces must be etched prior to applying Line Paint. For best results, Elite Line Paint should be applied over masked and primed lines.

4.0 MIX DESIGN

Elite Line Paint comes ready to use. Stir before using.

5.0 LIMITATIONS

- Asphalt must cure for a minimum of 14 days prior to application
- Concrete must cure for a minimum of 30 days prior to application
- Do not apply if surface temperature is less than 50° F or more than 140° F.
- Apply only when ambient temperature is 50° F and rising
- Do not apply when rain is imminent
- Do not store in direct sunlight for an extended period of time.
- KEEP FROM FREEZING.

6.0 APPLICATION

Elite Line Paint can be applied by brush, roller or sprayed with low pressure spraying equipment. White line paint provides adequate coverage in one application by brush. Non-white colors will require a second coat. If masking tape is used, it should be removed immediately after line paint has dried.

7.0 CLEAN-UP

Rinse tools with water immediately after use. Dried material can be removed with approved solvents.

8.0 DRYING TIME

Elite Line Paint dries in 30-60 minutes under optimum drying conditions. Low ambient and surface temperatures will increase drying time.

9.0 COVERAGE

500-600 lineal feet of 2" wide line per gallon on color coated surfaces. Coverage rate will drop drastically on non-coated asphalt surfaces.

10.0 SHELF LIFE

Approximately 12 Months.

11.0 PRECAUTIONS

Keep from freezing. Harmful if swallowed. See MSDS.

12.0 PRODUCT DATA

Weight per gallon	11 ± .5 lbs
Type	Acrylic Emulsion
Odor	Slight Ammonia
Flammability	Non-Flammable
Flash Point	None



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ELITE**SPORT COATING SYSTEM**

ELITE LINE PRIMER

1.0 DESCRIPTION

Elite Line Primer is a 100% acrylic clear drying emulsion primer for line striping.

2.0 USES

Elite line paint to fill the minor voids between the masking tap and the courts surface to assure razor sharp edges.

3.0 SURFACE PREPARATION

Surface must be free of dust, dirt, debris and any loose materials. Concrete surfaces must be etched prior to applying Line Primer.

4.0 MIX DESIGN

Elite Line Primer comes ready to use. Stir before using. Elite Line Primer may be slightly diluted with water to flow through gravity fed line applicator machines.
DO NOT OVER DILUTE.

5.0 LIMITATIONS

- Asphalt must cure for a minimum of 14 days prior to application
- Concrete must cure for a minimum of 30 days prior to application
- Do not apply if surface temperature is less than 50° F or more than 140° F.
- Apply only when ambient temperature is 50° F and rising
- Do not apply when rain is imminent
- Do not store in direct sunlight for an extended period of time.
- KEEP FROM FREEZING.

6.0 APPLICATION

Elite Line Primer can be applied by brush, roller or sprayed with low pressure spraying equipment. Allow Line Primer to thoroughly dry before applying Line Paint.

7.0 CLEAN-UP

Rinse tools with water immediately after use. Dried material can be removed with approved solvents.

8.0 DRYING TIME

Elite Line Primer dries in 30-60 minutes under optimum drying conditions. Low ambient and surface temperatures will increase drying time.

9.0 COVERAGE

500-600 lineal feet of 2" wide line per gallon on color coated surfaces.

10.0 SHELF LIFE

Approximately 12 Months.

11.0 PRECAUTIONS

Keep from freezing. Harmful if swallowed. See MSDS.

12.0 PRODUCT DATA

Weight per gallon	8.9 ± .5 lbs
Type	Acrylic Emulsion
Odor	Slight Ammonia
Flammability	Non-Flammable
Flash Point	None



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ELITE**SPORT COATING SYSTEM**

ELITE PATCH BINDER

1.0 DESCRIPTION

Elite Patch Binder is a high-strength acrylic bonding liquid designed for mixing with Portland type I cement and silica sand in uses for patching asphalt or concrete surfaces. ELITE Patch Binder enables patches to set rapidly up to 3/4" in thickness.

2.0 USES

ELITE Patch Binder is used to patch depressions in asphalt and concrete tennis courts, playgrounds and recreational surfaces.

3.0 SURFACE PREPARATION

New asphalt pavements should cure a minimum of 14-21 days prior to any coating application. New concrete surfaces should cure 45 days prior to any coating application. (When installed over concrete surfaces, the concrete should be installed with a suitable vapor barrier without concrete curing compound.) Surfaces should be thoroughly cleaned with compressed air and free from oil, grease, dirt, and other foreign matter. Embedded dirt should be brushed thoroughly prior to any coating application. Grease and oil spots should be primed with an approved oil spot primer. Concrete surfaces should be acid etched with a commercial grade of 85% phosphoric acid.

4.0 MIX DESIGN

3 Gallons ELITE Patch Binder

100lbs silica sand (40-70 mesh)

2 gallons Portland type I cement (Mix Portland cement and silica sand thoroughly prior to mixing in ELITE Patch Binder) NEVER Add water. If product becomes too thick slowly add additional ELITE Patch Binder as needed for desired thickness.

5.0 APPLICATION

Apply with a trowel, squeegee or straight edge. Be sure to "feather the edges" to create a smooth transition from the patch to adjacent surface. "Feathering" can be done with a damp sponge.

6.0 CLEAN-UP

Rinse tools with water soon after using. Dried material can be removed with an approved solvent.

7.0 SHELF LIFE

Approximately 12 Months

8.0 PHYSICAL PROPERTIES

Weight/Gallon	8.9 lbs. per gallon
Drying time:	Touch: 1 Hour
Application Temperature	50°F and rising

9.0 PRECAUTIONS

Keep from freezing. Harmful if swallowed. See MSDS.

10.0 ADDITIONAL USES

Elite Patch Binder can also be used as a **concrete primer/adhesion promoter**. Elite Patch binder can be diluted with water to create a penetrating primer. Thoroughly clean concrete with a pressure washer or scuff with a wire brush and blow clean with a mechanical leaf blower.

MIX DESIGN

1 Part Elite Patch Binder

10 Parts clean water

Apply by spraying onto concrete or pouring and spreading with a soft brush. Coating should be even and free of puddles.



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ELITE**SPORT COATING SYSTEM**

Color Chart for Athletic Surfaces



DARK GREEN



DARK BLUE



GRAY



LIGHT GREEN



MEDIUM BLUE



BROWN



RED



LIGHT BLUE



BEIGE



*ORANGE



*PURPLE



*YELLOW

* Additional charge and possible lead time.

Colors are as accurate as possible. Colors are affected by light, texture, mixing proportions and installation methods. Applied product may vary slightly from sample chips.



Manufactured by:
U.S. Tennis Court Construction Co.
204 Industrial Drive
Lockport, IL. 60441
www.ustenniscc.com





**204 Industrial Drive
Lockport, IL 60441**

www.ustenniscc.com

**Phone: 815-588-3700
Fax: 815-588-3707**

DATE: 4/7/2016

Re: Color coat system

Elite has been manufactured by U.S. Tennis since 1996 and has been applied to over 3,000 courts in the Chicagoland area. The following is a list of some locations where the Elite Sport Coating System has been applied by U.S. Tennis Court Construction.

Surfacing location one new asphalt

1. HS Dist. 230. Stagg HS 2011, Sandburg 2013, Andrew 2010. Orland Park, IL 24 Tennis courts
2. Grant HS. Fox Lake, IL 2010, 8 Tennis courts
3. Downers Grove South HS., 2012 10 tennis
Downers Grove North HS, 2008 10 tennis
4. Dundee-Crown High School, IL, 2015, 8 tennis
5. Jacobs H.S. Algonquin, IL 2015. 9 tennis
6. Welles Park Chicago, IL 2015, 3 Tennis
7. Maggie Daley/ Peanut/ Grant Park Chicago, IL 2015, 6 tennis courts.
8. Johnsbury HS., IL 2 North tennis courts 2015
9. East Aurora HS. 12 Tennis courts 2015
10. Dowling Park, Merrellville, IN 2015 6 courts
11. Evanston H.S. 7 Tennis courts 2015
12. Burns Field Park, Hinsdale, IL 2015 6 tennis
13. Jonquil Park Chicago, IL 2015 2 Tennis
14. Antioch HS, IL 2007 12 Tennis Courts

Surfacing location, Recolor on existing courts

1. Carmel Catholic High School, Mundelein, IL 2015, 8 Tennis courts.
2. Crystal Lake Park Dist., IL Woodcreek Park 2 tennis 1 basketball 2015
3. Loyola Academy, Wilmette, IL S. 4 courts 2014
4. Naperville Park District, IL 2015 6 basketball courts
5. Northwestern Univ. Evanston 6 indoor courts 2013 15 outdoor tennis courts 2012
6. Mcfetridge Park Chicago, IL 6 Indoor courts.
7. Warren Township Center, Gurnee, IL 2015 2 Tennis 1 basketball
8. Woodridge Park Dist. IL 2015, 11 Tennis courts
Hobson Corner Park, Forest Glen, Westminister.
9. Valparasio University, IN, 2014, 9 Tennis courts
10. Hinsdale South HS. 2014, 9 Tennis courts
11. Fremd HS Schaumburg, IL 2014
12. Hoffman Estates, Conant, Schaumburg HS 2013

Prepared by,

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President**