



ADDENDUM #2

DATE: 8/10/2017

FROM: Colleen McCarty, Park Planner
ARLINGTON HEIGHTS PARK DISTRICT

TO: PROSPECTIVE BIDDERS – 2017 Tennis & Basketball Color Coating
Project

SUBJECT: ADDENDUM #2 – Addition to Technical Specifications

ADDENDUM TO BID DOCUMENTS

- 1) Approved Equal:
 - Elite Sport Coating System is an approved equal color coating system.
See attached Elite Specifications.
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**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 _____

410 N. Arlington Heights Road, Arlington Heights, Illinois 60004
(847) 577-3000 / FAX (847) 577-3050 www.ahpd.org

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.
- 1-2 Coats of textured white line paint.

NEW CONCRETE

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



Manufactured by:
U.S. Tennis Court Construction Company
204 Industrial Drive
Lockport, IL 60441
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 GUIDELINES FOR APPLICATIONS

NEW ASPHALT

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

NEW CONCRETE

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



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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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