

California[®] Acrylic Resurfacer 920-29 4200

ACRYLIC BASE FOR RECREATIONAL SURFACES

1.0 MATERIAL DESCRIPTION

Acrylic Resurfacer is a concentrated 100% acrylic latex binder designed for field mixing with silica sand and is to be applied to recreational surfaces constructed of hot-mix asphalt or Portland cement concrete.

2.0 INTENDED USE

Acrylic Resurfacer is intended for preparing new asphalt or concrete surfaces as well as existing acrylic surfaces for color coating.

3.0 PHYSICAL PROPERTIES

Color:	Black
Coverage Rate (undiluted)	0.06 gallons/sq. yd.
Weight per gallon:	8.8 lbs.
Curing conditions:	70°F & 50% relative humidity
Estimated cure time:	2 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures or high humidity will increase drying time drastically. Maximum surface temperature = 140° F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed a minimum of 14 days cure time before application of Acrylic Resurfacer. For new, Portland cement concrete surfaces, a minimum of 28 days cure time is required. After 28 days, new concrete must be acid-etched with either phosphoric or muriatic acid. Application may begin thereafter.

4.3 Surface Condition

The surface on which Acrylic Resurfacer is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion. Thoroughly rout existing cracks of

dirt, debris and loose impediments. Cracks should be blown clean with an air compressor. After cleaning, apply Crack Filler 64061 to fill cracks. Consult the data sheet for application information.

4.4 Surface Imperfections

Before application of primers or Acrylic Resurfacer, the court surface shall be flooded with water and allowed to drain. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked with chalk, not crayon or a grease pencil. These areas must be allowed to thoroughly dry. Once dried, a patch must be applied to the marked area. For patching products and mix designs, please refer to the product data sheet for Court Patch Binder 920-39.

4.5 Priming

- Priming of asphalt surfaces is only necessary if existing asphalt is too badly weathered to establish a strong bond with the Acrylic Resurfacer. In the case of extremely oxidized asphalt surfaces, contact your Deco Area Manager.
- When applying Acrylic Resurfacer to new concrete surfaces, a primer is necessary to improve adhesion. Deco Surfacing Systems offers California Ti-Coat, a two-package water based epoxy primer. Consult the respective data sheets for proper application.
- If the concrete surface has been previously coated with acrylic material, no priming is necessary.

5.0 MIXING INSTRUCTIONS

The following mix has been found to be satisfactory for average surface conditions:

Acrylic Resurfacer	55 gallons	30 gallons
Silica Sand (60 - 80 Mesh)	600-900 lb.	325-400 lb.
Clean potable water	20-40 gallons	11 - 22 gallons

5.1 Sand Mix

Do not use sand containing clay, silt, ferrous metals or salt. The outcome of the Resurfacer mix depends heavily on what type of sand you chose. Our specifications are based on 60-80 mesh sand. The addition of the silica sand should be done slowly, under agitation.

5.2 Water Mix

In no case should Acrylic Resurfacer be diluted more than three (3) parts Acrylic Resurfacer to two (2) parts water. The quantity of water required will vary with moisture content and gradation of the sand and the consistency needed for good application characteristics.

5.3 Resurfacing Mix

After the addition of sand and water to the Acrylic Resurfacer concentrate, thorough mixing is required. A mechanical drill mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as the job progresses to ensure consistent application.

6.0 GUIDE TO APPLICATION

6.1 System Recommendations

Deco recommends one 1-2 coats of Acrylic Resurfacer prior to the application of any Deco Surfacing System. If using the Street Ice system, a minimum of two (2) coats is recommended. See Street Ice S/I-3 for further information.

6.2 Installation

Using a flexible rubber squeegee, apply Acrylic Resurfacer mix parallel to one of the sides of the surface area. Care should be taken not to leave ridges where adjoining applications overlap. Under hot conditions, application is improved by keeping surface damp with a fine mist water spray. Never allow water to pool on the surface.

6.3 Drying and Cure Time

Acrylic Resurfacer must be allowed to cure a minimum of 2 hours before applying acrylic coatings.

7.0 COVERAGE

The undiluted coverage rate is approximately 0.06 gallons per square yard, per application

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application.

9.0 LIMITATIONS

9.1 Surface Limitations

Acrylic Resurfacer is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Deco Surfacing Systems does not recommend, nor authorize the application of Acrylic Resurfacer on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

The maximum dilution ratio is 3:2. Over dilution will cause streaking, foaming, adhesion failure, sand fall-out and poor overall durability of the coating.

9.4 Indoor Application Drying

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

9.5 Keep From Freezing

Acrylic Resurfacer is a water-based acrylic system and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Surfacing Systems Representative for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

11.0 FOR FURTHER INFORMATION

California Products Corporation manufactures many different recreational surface products. For additional information contact us at:

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Court Patch Binder

920-39 0300

ACRYLIC PATCHING FOR 1/8" - 1-1/2" VOIDS

1.0 MATERIAL DESCRIPTION

Court Patch Binder is a high strength acrylic latex bonding liquid specifically designed for field mixing with Portland cement and silica sand to patch new or existing asphalt and Portland cement concrete recreational surfaces. The resulting patch is hard, tough and durable.

2.0 INTENDED USE

Court Patch Binder Mix is intended for patching voids and depressions from 1/8" to 1 1/2" deep. Do not install Court Patch Binder mix in lifts greater than 3/4".

3.0 PHYSICAL PROPERTIES

Color:	Milky White
Weight per gallon:	9.4 lbs.
Curing conditions:	70°F & 50% relative humidity
Estimated cure time:	24 hours
Minimum ambient, surface & product installation temperature:	50° and rising

Note: Low temperatures or high humidity will increase drying time drastically. Maximum surface temperature = 140° F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of Court Patch Binder. For new Portland cement concrete surfaces, a minimum of 28 days cure time is required.

4.3 Surface Condition

The surface on which Court Patch Binder is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion.

4.4 Surface Imperfections

Prior to the application of surfacing materials, the entire surface shall be flooded with water and allowed to drain. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked with chalk, not crayon or a grease pencil. These areas must then be allowed to thoroughly dry. Once dried, a patch must be applied to the marked areas.

5.0 MIXING INSTRUCTIONS

The following mix has been found to be satisfactory for average surface conditions:

Dry Silica Sand (60 - 80 Mesh)	100 lb
Portland Cement (Type 1)	1-2 gallons
Court Patch Binder 920-39	3 gallons

DO NOT ADD WATER!

In a clean container, thoroughly pre-mix the sand and Portland cement. Add Court Patch Binder into mixture. A mechanical drill mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as job progresses to ensure consistent application. Batches shall be used within 15 minutes.

6.0 GUIDE TO APPLICATION

6.1 System Recommendations

Court Patch Binder is intended for patching voids and depressions from 1/8" to 1 1/2" deep. Do not install Court Patch Binder mix in lifts greater than 3/4" inch. Deco recommends the use of Acrylic Resurfacer 920-29 after the application of Court Patch Binder. See the data sheet 920-29 for Acrylic Resurfacer.

6.2 Installation

Court Patch Binder is best installed with a trowel or straight edge. The area to be patched should first be primed with a diluted coat of Court Patch Binder. Do not dilute more than 2 parts water to 1 part Court Patch Binder. The area should be brushed, broomed or rolled over the entire area, and allowed to dry at least 1 hour.

Pour the Court Patch Binder mix over the area to be patched and trowel in to place. Edges of the patch should be "feathered" so as not to leave a ridge of material around the patch. Ridges should be removed with a scraper prior to a thorough cure. Once cured, an additional coat of diluted Court Patch Binder may be applied, and allowed to dry.

6.3 Drying and Cure Time

Court Patch Binder must be allowed to dry before applying next coating application. When applying multiple coats of Court Patch Binder a minimum of 24 hours of cure time is required between coats, and not before first application is fully dried.

7.0 COVERAGE

Based on size, depth and texture of area to be patched.

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application. Rinse water should be reserved for later use.

9.0 LIMITATIONS

9.1 Surface Limitations

Court Patch Binder is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Deco Surfacing Systems does not recommend, nor authorize the application of Court Patch Binder on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 50°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

Do not dilute primer coat more than 2:1. Over dilution will cause adhesion failure, and poor overall durability of the coating. Only the primer coat is diluted, not the Court Patch Binder.

9.4 Do Not Apply Thicker Than 3/4" Per Application

If leveling depressions greater than 3/4", apply Court Patch Binder in multiple lifts. Each lift must be allowed to dry between applications. Do not use for voids more than 1-1/2" deep.

9.5 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

9.6 Keep From Freezing

Court Patch Binder is a water-based acrylic and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Area Manager for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the

specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

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California[®] Crack Filler 64061

READY-TO-USE ACRYLIC CRACK FILLER

1.0 MATERIAL DESCRIPTION

Crack Filler is a highly flexible, ready-to-use, high solids, rubberized acrylic filler.

2.0 INTENDED USE

Crack Filler is intended for temporarily filling cracks to make recreational surfaces usable for the active season. It may also be used as a patching compound for existing Cushion Systems. For a complete description of tennis court repair and maintenance problems, please refer to the American Sports Builders Association (ASBA) Repair and Maintenance Guide Specification.

3.0 PHYSICAL PROPERTIES

Colors:	Neutral, Green & Red
Coverage Rate:	1 gallon will fill crack ¼" wide X 2" deep X 40' long
Weight per gallon:	15.3 lbs.
Curing conditions:	70° F & 50% relative humidity
Estimated cure time:	Up to 24 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures and high humidity will increase drying time drastically. Maximum surface temperature = 140° F.

4.0 SURFACE PREPARATION

4.1 Surface Conditions

The surface upon which Crack Filler is to be applied must be smooth, free of dirt, loose or flaking paint, oily material or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion.

4.2 Surface Imperfections

Thoroughly rout existing cracks of dirt, debris and loose impediments. Cracks should be blown clean with an air compressor.

5.0 MIXING INSTRUCTIONS

Crack Filler comes ready-to-use. Only gentle stirring is necessary. DO NOT DILUTE.

6.0 GUIDE TO APPLICATION

6.1 Installation

Cracks shall be hand filled with a square, snub-nosed hand trowel or broad knife with a narrow bead of material along the crack. After the crack filler has been forced into the crack, the edges shall be wiped clean with a damp cloth (This prevents edge build-up which would require sanding as a corrective measure).

6.2 Drying and Cure Times

After drying, any edges will be sanded smooth and loose material shall be carefully removed from the court by air-broom and/or sweeping.

7.0 CLEAN UP

All equipment can be cleaned with water if clean up occurs immediately after application.

8.0 LIMITATIONS

8.1 Surface Limitations

Crack Filler is limited to application on hot-mix asphalt and Portland cement concrete surfaces. California Products Corporation does not recommend, nor authorize the application of Crack Filler on any other surfaces without prior approval from your Area Manager.

8.2 Weather Limitations

No part of the construction should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F. Do not store in hot sun.

8.3 Product Limitations

Crack Filler is intended for temporarily filling cracks. Do not apply in major structural cracks (greater than ½"). Cracks will reappear as crack filler is not a permanent crack repair.

8.4 Do Not Dilute

8.5 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

8.6 Keep From Freezing

Crack Filler is a water-based acrylic and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Area Manager for proper handling instructions.

9.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

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DecoBase I™

920-05

ACRYLIC TEXTURE FOR RECREATIONAL SURFACES

1.0 MATERIAL DESCRIPTION

DecoBase I™ 920-05 coating is a sand filled, 100% acrylic latex compound designed for squeegee application to relatively smooth surfaces. It is supplied as a non-pigmented concentrate to be tinted with DecoColor® MP 920-27 and diluted with water prior to use. DecoBase I coating results in a dense, durable textured surface and adds firm thickness to the color system.

2.0 INTENDED USE

DecoBase I is designed to impart the desired texture that controls the speed of play. It fills minor surface irregularities and provides a tough, wear-resistant coating which imparts a consistent texture across the playing field.

3.0 PHYSICAL PROPERTIES

Color:	Neutral
Coverage Rate (undiluted):	.06 gallons/square yard, .0865 gallons/square yard over DecoBase II
Weight per gallon:	12.0 lbs.
Curing conditions:	70°F & 50% relative humidity
Estimated cure time:	4 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures & high humidity will increase drying time drastically. Maximum surface temperature = 140°F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed to cure for a minimum of 14 days prior to application of DecoBase I. For new Portland cement concrete surfaces, a minimum of 28 days cure time is required.

4.3 Surface Condition

The surface upon which DecoBase I is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion.

4.4 Surface Imperfections

- If DecoBase I is the first step to coating a newly constructed acrylic system, the surface must be prepared with Acrylic Resurfacer first. Please refer to the data sheet Acrylic Resurfacer 920-29.
- If DecoBase I is the first step in recoating an existing acrylic system, the surface should be flooded with water and allowed to drain prior to application of DecoBase I. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked with chalk, not crayon or a grease pencil. These areas must then be allowed to thoroughly dry. Once dried, a patch must be applied to the marked areas. For patching information, please refer to the product data sheet for Acrylic Patch Binder 920-39.

If DecoBase I application follows the DecoTurf Cushion System, do not flood the court. Proceed with Mixing Instructions.

5.0 MIXING INSTRUCTIONS

The following mixes have been found to be satisfactory for average surface conditions:

DecoBase I 920-05	55 gallons
DecoColor® MP 920-27	15 gallons
Clean Potable Water	23 gallons

After the addition of water thorough mixing is required. A mechanical drill mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as the job progresses to ensure consistent application.

6.0 GUIDE TO APPLICATION

6.1 System Recommendation

Two (2) applications have proven to give excellent performance results. Deco recommends the use of Acrylic Resurfacer 920-29 prior to the application of any Deco Surfacing System. See the data sheet on Acrylic Resurfacer for further information.

6.2 Installation

Using a flexible rubber squeegee, 50 or 70 durometer, apply DecoBase I mix parallel to one of the sides of the area to be coated. Care should be taken not to leave ridges where adjoining applications overlap. Application in hot conditions is improved by keeping surface damp with a fine mist water spray. Additional applications should be installed at 90° to the previous application.

6.3 Drying and Cure Time

DecoBase I must be allowed to dry 4 hours before another coating can be applied, assuming 70°F temperatures and

50% relative humidity. Low temperatures and high humidity will increase drying time dramatically.

7.0 COVERAGE

The undiluted coverage rate is approximately 0.06 gallons per square yard, per application (150 square feet per gallon). If applied over DecoBase II the undiluted coverage rate is approximately .0865 gallons per square yard, per application (105 square feet per gallon).

8.0 CLEAN-UP

If clean-up occurs immediately after application, water will remove acrylics from equipment.

9.0 LIMITATIONS

9.1 Surface Limitations

DecoBase I is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Please see the DecoColor installation guideline for new and existing asphalt and concrete surfaces for more information. Deco Surfacing Systems does not recommend, nor authorize the application of DecoBase I on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

Over dilution can cause streaking, foaming, adhesion failure, sand fall-out and poor overall durability of the coating.

9.4 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

9.5 Keep From Freezing

DecoBase I is a water-based acrylic system and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Area Manager for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be

defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

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DecoBase II™

920-06

FINE RUBBER FOR DECO TURF® SYSTEM

1.0 MATERIAL DESCRIPTION

DecoBase II 920-06 is a heavy bodied, high performance acrylic latex coating. It is designed with specially selected fine rubber granules. It is supplied as an unpigmented concentrate, to be diluted with water prior to use.

2.0 INTENDED USE

DecoBase II is applied over the DecoTurf II® coating and is designed to fill the voids created by the coarse rubber coating. DecoBase II gives a smooth resilient surface over which Deco products can be applied to complete the DecoTurf Cushion System.

3.0 PHYSICAL PROPERTIES

Color:	Dark Gray
Coverage Rate (undiluted):	0.10-0.12 gall./sq. yd.
Weight per gallon:	9.4 lbs.
Curing conditions:	70°F & 50% relative humidity
Estimated cure time:	minimum 6-8 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures & high humidity will increase drying time drastically. Maximum surface temperature = 140°F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of any Deco products. New Portland cement concrete surfaces must be fully cured a minimum of 28 days prior to application of any Deco products.

4.3 Surface Condition

The surface upon which DecoBase II is to be applied must be smooth, free of dirt, loose or flaking paint, oily material or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion.

5.0 MIXING INSTRUCTIONS

The following mixes have been found to be satisfactory for average surface conditions:

DecoBase II	55 gallons
Clean Potable Water	10 - 12 gallons

After the addition of water thorough mixing is required. A mechanical mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as job progresses to ensure consistent application.

6.0 GUIDE TO APPLICATION

6.1 System Recommendation

Two-three (2-3) applications are the minimum required over DecoTurf II, however additional coats may be installed to increase resiliency and surface consistency. Deco recommends the use of Acrylic Resurfacer 920-29 prior to the application of the DecoTurf Cushion System. See the data sheet on Acrylic Resurfacer for further information.

6.2 Installation

Using a flexible rubber squeegee, 50 or 70 durometer, or approved spray apparatus, apply the DecoBase II mix parallel to one of the sides of the surface area. Care should be taken not to leave ridges where adjoining applications overlap. Application in hot conditions is improved by keeping surface damp with a fine mist water spray. Do not allow the spray to puddle. When the first application has cured the next coat should be installed at 90° to the previous application.

6.3 Drying and Cure Time

Before re-coating, each application of Deco Base II must be allowed to fully cure. Under optimum installation conditions, a maximum of two coats per day can be installed. Completed projects should be allowed at least 24 hours before releasing for play.

7.0 COVERAGE

The undiluted coverage rate is approximately 0.10 to 0.12 gallons per square yard, per application (75-90 square feet per gallon).

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application.

9.0 LIMITATIONS

9.1 Surface Limitations

DecoBase II is limited to application on hot mix asphalt and Portland cement concrete recreational surfaces. Please see the DecoTurf installation guideline for new and existing asphalt and concrete surfaces for more information. Deco Surfacing Systems does not recommend, nor authorize the application of DecoBase II on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

The maximum dilution ratio for this product is 12 gallons of water to 55 gallons of product. Over dilution can cause streaking, foaming, adhesion failure, rubber fall-out and poor overall durability of the coating.

9.4 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced. Consult your Deco Technical or Sales Representative for dry time requirements.

9.5 Keep From Freezing

DecoBase II is a water-based acrylic system and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Area Manager for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

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DecoTurf II®

920-30

COURSE RUBBER FOR DECO TURF® SYSTEM

1.0 MATERIAL DESCRIPTION

DecoTurf II 920-30 is a heavy bodied, flexible 100% acrylic latex coating. It is designed with specially selected, highly resilient large rubber granules. It is supplied as an unpigmented concentrate to be diluted with water prior to use.

2.0 INTENDED USE

DecoTurf II provides the primary resilience of the DecoTurf Cushion System. DecoTurf II is installed in multiple coats and results in a highly resilient, coarse rubber coating. DecoTurf II can be used both indoors and outdoors, on Portland cement concrete or asphalt. Application over concrete requires a medium broom finish and that a proper vapor barrier has been installed under the slab and appropriate drainage is in place. Please refer to the Installation Guideline on DecoTurf over concrete for specific instructions.

3.0 PHYSICAL PROPERTIES

Color:	Dark Gray
Coverage Rate (undiluted):	0.16 gallons/square yard
Weight per gallon:	9.3 lbs.
Curing conditions:	70°F & 50% relative humidity
Estimated cure time:	at least 6-8 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures & high humidity will increase drying time drastically. Maximum surface temperature = 140°F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of any Deco products. New concrete surfaces must be fully cured a minimum of 28 days prior to application of any Deco products.

4.3 Surface Condition

The surface upon which DecoTurf II is to be applied must be smooth, free of dirt, loose or flaking paint, oily material or chemical residues, vegetation of any sort and any other

debris or foreign matter that may prevent the proper product adhesion.

5.0 MIXING INSTRUCTIONS

The following mixes have been found to be satisfactory for average surface conditions:

DecoTurf II®	55 gallons
Clean Potable Water	10 - 12 gallons

Thorough mixing is required. A mechanical mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as job progresses to ensure consistent application. In very warm conditions more water may be added.

6.0 GUIDE TO APPLICATION

6.1 System Recommendation

Three (3) applications of DecoTurf II is the minimum required prior to the application of DecoBase II. Additional coats of DecoTurf II may be installed to increase resiliency. Deco recommends the use of Acrylic Resurfacer 920-29 prior to the application of the DecoTurf Cushion System. See the data sheet on Acrylic Resurfacer for further information.

6.2 Installation

Using a flexible rubber squeegee, 50 or 70 durometer, or approved spray apparatus, apply the DecoTurf II mix parallel to one of the sides of the surface area. Care should be taken not to leave ridges where adjoining applications overlap. Application in hot conditions is improved by keeping surface damp with a fine mist water spray. Do not allow the spray to puddle. When the first application has cured the next coat should be installed at 90° to the previous application.

6.3 Drying and Cure Time

Before re-coating, each application of DecoTurf II must be allowed to fully cure. Under optimum installation conditions, a maximum of two coats per day can be installed.

7.0 COVERAGE

The undiluted coverage rate is approximately 0.16 gallons per square yard, per application (55 square feet per gallon).

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application.

9.0 LIMITATIONS

9.1 Surface Limitations

DecoTurf II is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Please see the DecoTurf installation guideline for new and existing asphalt and concrete surfaces for more information. Deco Surfacing Systems does not recommend, nor authorize the application of DecoTurf II on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

The maximum dilution ratio for this product is 12 gallons of water to 55 gallons of product. Over dilution can cause streaking, foaming, adhesion failure, rubber fall-out and poor overall durability of the coating.

9.4 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced. Consult your Deco Technical or Sales Representative for dry time requirements.

9.5 Keep From Freezing

DecoTurf II is a water-based acrylic system and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Area Manager for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

California Products Corporation manufactures many different recreational surfaces products. For additional information contact us at:

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11.0 FOR FURTHER INFORMATION

DecoColor® MP Classic 920-27

ACRYLIC COLOR FOR RECREATIONAL SURFACES

1.0 MATERIAL DESCRIPTION

DecoColor® MP Classic 920-27 is a full bodied, high performance acrylic latex coating. It is fortified with specially selected fillers and is pigmented in eleven standard colors. Special colors are possible upon request, however minimum quantities do apply. DecoColor MP Classic offers the advantage of using one product for the texture courses and the finish course.

2.0 INTENDED USE

DecoColor MP Classic is intended for use as a texture and/or top coat for recreational surfaces. Job mixing gives the installer the flexibility to meet individual job conditions. The finish texture and speed of play can be modified through the size and amount of sand used in the mix. This product allows the contractor the flexibility to select and add the proper sand to meet specific job requirements.

3.0 PHYSICAL PROPERTIES

Classic Colors:	US Open Blue, Spring Green, Winter Green, Forest Green, Summer Red, Royal Blue, America's Red Clay, Tour Purple, Adobe Tan, Olympic Blue, & Stone Gray
Weight per gallon:	10.5 lbs.
Curing conditions:	70° F & 50% relative humidity
To top coat:	4 hours
Estimated curing time:	24 hour minimum
Minimum ambient, surface & product installation temperature:	60°F and rising

Note: Low temperatures or high humidity will increase drying time drastically. Maximum surface temperature = 140° F.

4.0 SURFACE PREPARATION

4.1 Base Construction

Surface must meet or exceed the American Sport Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable ASBA Guidelines.

4.2 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of Deco products. For new Portland cement concrete surfaces, a minimum of 28 days cure time is required. After 28 days, new concrete must be acid-etched with either phosphoric or muriatic acid. Application may begin thereafter.

4.3 Surface Condition

The surface on which DecoColor is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion. Thoroughly rout existing cracks of dirt, debris and loose impediments. Cracks should be blown clean with an air compressor. Consult the data sheet 64061 Deco Crack Filler for application information.

4.4 Surface Imperfections

Before application of primers or Acrylic Resurfacer, the court surface shall be flooded with water and allowed to drain. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked with chalk, not crayon or a grease pencil. These areas must be allowed to thoroughly dry. Once dried, a patch must be applied to the marked area. For patching products and mix designs, please refer to the product data sheet for Acrylic Patch Binder 920-39.

4.5 Priming

Priming of asphalt surfaces is only necessary if existing asphalt is too badly weathered to establish a strong bond with the Acrylic Resurfacer. In the case of extremely oxidized asphalt surfaces, contact your Deco Area Manager.

When applying Acrylic Resurfacer to new concrete surfaces, a primer is necessary to improve adhesion. Deco Surfacing Systems offers California Ti-Coat 63903 & 63904, a two-package water based epoxy primer. Consult the respective data sheets for proper application.

If the concrete surface has been previously coated with acrylic material, no priming is necessary.

5.0 MIXING INSTRUCTIONS

The following mixes have been found to be satisfactory for average surface conditions:

5.1 Texture Course

DecoColor MP Classic 920-27	55 gal	30 gal
Clean potable water	27 gal	15 gal
Silica Sand (60-90 mesh)	440 lb	240 lb

NOTE: For a slower ball bounce and rougher texture, one or more texture courses may be installed in place of the finish course.

5.2 Finish Course

DecoColor MP Classic 920-27	55 gal	30 gal
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Clean potable water	38 gal	20 gal
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NOTE: For a slower ball bounce and rougher texture, one or more texture courses may be installed in place of the finish course.

5.3 Mixing

Do not use sand containing clay, silt, ferrous metals or salt. The outcome of the texture course depends heavily on what type of sand you chose. Deco's specifications are based on 60-90 mesh sand. Please submit your sand samples to the California Products Research and Development laboratory for analysis and approval before mixing with DecoColor MP Classic. Sand should be slowly added to undiluted MP followed by the addition of water. A mechanical mixer is recommended and mixture should be stirred until homogeneous. Periodic mixing should take place as the job progresses to ensure consistent application.

6.0 GUIDE TO APPLICATION

6.1 System Recommendation

Two (2) texture course applications and one (1) finish course has proven to give excellent performance results. Deco recommends the use of Acrylic Resurfacer 920-29 prior to the application of DecoColor. See the data sheet on Acrylic Resurfacer for more information.

6.2 Installation

Using a flexible rubber squeegee, 50 or 70 durometer, apply DecoColor MP Mix parallel to one of the sides of the area to be coated. Care should be taken not to leave ridges where adjoining applications overlap. Applications in hot conditions are improved by keeping surface damp with a fine mist water spray. No pooling should be allowed. Additional applications should be installed at 90° to the previous application.

6.3 Drying and Cure Time

DecoColor MP must be allowed to dry for 4 hours between coating applications. Completed projects should be allowed 24 hours before releasing to play.

7.0 COVERAGE

7.1 Texture Course

The undiluted coverage rate is approximately 0.05 gallons per square yard, per application (180 square feet per gallon).

7.2 Finish Course

The undiluted coverage rate is approximately 0.04 gallons per square yard, per application (225 square feet per gallon).

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application.

9.0 LIMITATIONS

9.1 Surface Limitations

DecoColor MP is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Please see Deco installations guidelines for new and existing asphalt and concrete surfaces for more information. Deco Surfacing Systems does not recommend, nor authorize the application of DecoColor MP on any other surfaces without prior approval from your Deco Area Manager.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Over Dilute

The maximum dilution ratio for the Texture Course is two (2) parts DecoColor to one (1) part water. The maximum dilution ratio for the Finish Course is three (3) parts DecoColor to two (2) parts water. Over dilution will cause streaking, foaming, adhesion failure, sand fall-out and poor overall durability of the coating.

9.4 Indoor Application Drying

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

9.5 Keep From Freezing

DecoColor MP 920-27 is a water-based acrylic system and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Surfacing Systems Representative for proper handling instructions.

10.0 LIMITED WARRANTY

The Company warrants that the products to be delivered and sold there under are the kind and quality described in its specifications and no other warranty, except of title, is expressed or implied. All other warranties and/or liabilities, including consequential damages, are specifically excluded whether the directions for a product's use are followed or not. Notification of any apparent defect or defects shall be made promptly in writing to the Company. Should any product (unless sold as is) prove, upon our inspection, to be defective in workmanship or materials in accordance with the specifications, the Company will replace the product or refund the purchase price. No person has the authority of the Company to make or accept any other warranty, liability, or conditions on the Company's behalf. If the above stated conditions of this warranty are unacceptable, the purchaser may return, at his expense, all unopened packages, bags or containers for credit within 30 days from the date of purchase.

11.0 FOR FURTHER INFORMATION

California Products manufactures many different recreational surfaces products. For additional information contact us at:

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Hi-Hide Line Paint 920-22 6020

TEXTURED OR NON-TEXTURED EXTERIOR/INTERIOR LINE MARKING PAINT FOR ATHLETIC SURFACES

1.0 MATERIAL DESCRIPTION

A highly reflective 100% acrylic marking paint for use over any bituminous surface, or acrylic color coating system in recreational or light traffic areas. Hi-Hide Line Paint will not cause cracking, crazing, peeling, or deterioration to asphalt that is typical of solvent-type traffic paints.

2.0 INTENDED USE

For the striping of color-coated recreational surfaces or any asphalt or concrete surface in light traffic areas, such as Tennis Courts, Play Areas, Curbs and Berms, Running Tracks, & Parking Lots

3.0 PHYSICAL PROPERTIES

Color:	White, Yellow, Red, Blue, Green, Orange, & Black
Weight per gallon:	11.0 lbs.
Curing conditions:	70° F & 50% relative humidity
To top-coat:	4 hours
Estimated cure time:	24 hours
Minimum ambient, surface & product installation temperature:	60° and rising

Note: Low temperatures or high humidity will increase drying time drastically. Maximum surface temperature = 140° F.

4.0 SURFACE PREPARATION

4.1 Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of Hi-Hide Line Paint. For new Portland cement concrete surfaces, a minimum of 28 days cure time is required.

4.2 Surface Condition

The surface upon which Hi-Hide Line Paint is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion.

5.0 MIXING INSTRUCTIONS

Hi-Hide Line Paint comes ready to apply. Only gentle stirring is necessary. DO NOT DILUTE.

6.0 GUIDE TO APPLICATION

6.1 System Recommendations

One or two (1-2) applications has proven to give excellent coverage.

6.2 Application

Apply Hi-Hide Line Paint to the clean, dry, color coated surface by brush, roller, airless spray or special marking equipment. Apply tape to both sides of the area to be striped. Apply a primer coat of ClearGlo or the final acrylic color coating over the inside edges of the tape. This will seal the tape to the acrylic surface and prevent the Hi-Hide Line Paint from bleeding under the tape.

6.3 Drying and Cure Time

Hi-Hide Line Paint must be allowed to dry for 4 hours between coating applications. Completed projects should be allowed 24 hours before releasing to play.

7.0 COVERAGE

Approximately one gallon of Hi-Hide Line Paint is required per standard U.S.T.A. sanctioned tennis court per application.

8.0 CLEAN-UP

All equipment can be cleaned with water if clean-up occurs immediately after application.

9.0 LIMITATIONS

9.1 Surface Limitations

Hi-Hide Line Paint is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Not for application on general use roadways subjected to skidding tires, snowplows, or chains.

9.2 Weather Limitations

No part of the construction involving the Deco Surfacing System should be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 60°F and rising. Do not apply when surface temperature is above 140°F.

9.3 Do Not Dilute

9.4 Indoor Application Curing

Drying times are retarded by high humidity, cool temperatures or lack of air movement. This is particularly important to note when installing indoors, where all three factors are often very pronounced.

9.5 Keep From Freezing

Hi-Hide Line Paint is a water-based acrylic and it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Deco Area Manager for proper handling instructions.

10.0 LIMITED WARRANTY

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