

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 sand mixes in lifts greater than 1/2". Any lifts greater than 1/2" should have aggregate added, but do not replace sand. Aggregate size should be half the thickness of the patch.

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 premix 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 sand mixes in lifts greater than 1/2 inch. Any lifts greater than 1/2" should have aggregate added, but do not replace sand. Aggregate size should be half the thickness of the patch. 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 1/2" Per Application

If leveling depressions greater than 1/2", 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.

11.0 FOR FURTHER INFORMATION

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

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