

# 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.

## **11.0 FOR FURTHER INFORMATION**

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

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