

Carbolink's Solutions for Sports Flooring

# Sports Kote T - 50



**Sports Flooring Products  
Specifications & Technical  
Data Sheets(TDS)**

India's Most Preferred  
Construction Chemical Manufacturing Brand



**Carbolink India Pvt. Ltd.**

[WWW.CARBOLINKINDIA.COM](http://WWW.CARBOLINKINDIA.COM)



# Carbolink India Pvt. Ltd. COMPANY PROFILE



For years, Carbolink India has been the Quality Leader in offering excellent Construction Chemical Products with Supreme Quality and Reliability.

Carbolink India Manufactures Industrial Flooring(Epoxy & PU Flooring), Decorative Flooring, 3D Flooring, Waterproofing Systems, corrosion protection, wood coatings, etc. which cater specifically to the Indian climate. With manufacturing facility in India, Carbolink India manufactures and supply Materials all through the country. Carbolink's commitment to customer service and technical support is the best. We work closely with architects, structural engineers, contractors and owners to best understand their requirements. Together we develop a best solution for a construction project, adding value and becoming more than just a materials supplier, but a solution provider.

With the support of our multinational manufacturing group, Carbolink India today has support centers across the country, strategically placed to provide consistent high standards of product and service.

Our Product Range:

- Anti Corrosive Coatings
- Car Park Flooring
- Curing Compounds
- Decorative Flooring
- Floor Hardner
- Grouts & Anchors



- Industrial Flooring
- Repairing Compunds
- Sealants
- Sports Flooring
- Tiling Products
- Wood Coatings





# SPORTS FLOORING

Carbolink is India's Most Preferred Manufacturer for Indoor and Outdoor Sports Flooring. Sports Floor needs to have very specific properties and it is important to check Surface Elasticity. Sports Flooring materials by Carbolink meets the International Quality Standards and is the best in the Industry.

## APPLICATION AREAS

Aerobics Floor, Athletic Track, Gym Floor, Walking Track, Running Track  
Indoor and Outdoor Sports Coat - Tennis Court, Dance Floor, Yoga Court, Squash Court, Badminton Court, Basketball Court, Volley Ball Court and Children's Play Area

Carbolink provides world class Sports Flooring with the most up-to-date technologies. Carbolink India is a leader in tailored Sports Flooring needs.

Here is our Technical Description of Sports Kote T - 50 :





# Sports Kote T - 50

## Acrylic Colour for Recreational Surfaces

### DESCRIPTION

Sports Kote T - 50 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. Sports Kote T - 50 offers the advantage of using one product for the texture courses and the finish course.

### USE

Sports Kote T - 50 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.

### PHYSICAL PROPERTIES

|   |  |
|---|--|
| Color   | US Open Blue, Spring Green, Winter Green, Forest Green, Adobe Tan, Summer Red, Royal Blue, America's Red Clay, Tour Purple, Olympic Blue, & Stone Gray |
| 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.

### SURFACE PREPARATION

#### 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.

#### Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed 14 days minimum cure time prior to application of CLI 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.

#### Surface Condition

The surface on which Sports Kote T - 50 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.

#### 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.

#### 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 C;I Area Manager.

When applying Acrylic Resurfacer to new concrete surfaces, a primer is necessary to improve adhesion. Prime AT 107, 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.

## MIXING INSTRUCTIONS

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

### Texture Course

|                          |        |        |
|--------------------------|--------|--------|
| Sports Kote T - 50       | 208 Kg | 113 Kg |
| Clean potable water      | 102 Kg | 56 Kg  |
| Silica Sand (60-90 mesh) | 200 Kg | 108 Kg |

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

### Finish Course

|                     |        |        |
|---------------------|--------|--------|
| Sports Kote T - 50  | 208 Kg | 113 Kg |
| Clean potable water | 143 Kg | 75 gal |

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

## 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. CLI's specifications are based on 60-90 mesh sand. Sand should be slowly added to undiluted Sports Kote T - 50 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.

## GUIDE TO APPLICATION

### System Recommendation

Two (2) texture course applications and one (1) finish course has proven to give excellent performance results. CLI recommends the use of Acrylic Resurfacer SF 101 prior to the application of CLI Color. See the data sheet on Acrylic Resurfacer for more information.

### Installation

Using a flexible rubber squeegee, apply CLI Color Sports Kote T - 50 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.

### Drying and Cure Time

Sports Kote T - 50 must be allowed to dry for 4 hours between coating applications. Completed projects should be allowed 24 hours before releasing to play.

## COVERAGE

### Texture Course

The undiluted coverage rate is approximately 0.05 Kg per 9 S.ft, per application.

### Finish Course

The undiluted coverage rate is approximately 0.04 kG per 9 S.ft, per application.

## CLEAN-UP

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

## LIMITATIONS

### Surface Limitations

Sports Kote T - 50 is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Please see CLI installations guidelines for new and existing asphalt and concrete surfaces for more information. CLI Surfacing Systems does not recommend, nor authorize the application of Sports Kote T - 50 on any other surfaces without prior approval from your CLI Area Manager.

### Weather Limitations

No part of the construction involving the CLI 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.

### 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.

**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.

**Keep From Freezing**

Sports Kote T - 50 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 CLI Surfacing Systems Representative for proper handling instructions.

**CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

**NOTE**

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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