



# Hybrid PU Based Colour Kote T-150

Single Component Hybrid PU Based  
Heavy Duty Color Coat

Pack Size  
23Kgs

TDS  
Technical Data Sheet



## Description

Carbolink's Hybrid PU Based Colour Kote T-150 is a full-bodied, high-performance Hybrid PU-based coating. It is fortified with fillers and is available in colors specifically blended for use on various sports flooring installations..

## Physical Properties

Color	Refer to Carbolink's Shade Card
Coverage Rate (undiluted)	500 grams per sq. meter
Weight per gallon	10.5 lbs.
Curing conditions	70°F & 50% relative humidity
Estimated cure time	72 hours minimum
Minimum ambient, surface & product installation temperature	60°F and rising

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

## Surface Preparation

### Base Construction

Surface must meet or exceed the American Sports Builders Association (ASBA) applicable Guidelines. Upgrading and recoating previously colored surfaces require 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 to cure for a minimum of six weeks. If skating is allowed with less than six weeks cure time, rutting may occur. For new Portland cement concrete surfaces, a minimum of 28 days cure time is required. No concrete curing compounds may be used. The concrete must have a medium broom finish. The surface must be acid-etched with either phosphoric or muriatic acid. If the new concrete surface is smooth, two applications may be required. The acid residues must be rinsed thoroughly. Application may begin thereafter.

### Surface Condition

The surface upon which Hybrid PU Based Colour Kote T-150 is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residue, vegetation of any sort, and any other debris or foreign matter that may prevent proper product adhesion.

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For application over an existing Hybrid PU Based Colour Kote T-150 surface, pressure wash thoroughly, rough up the existing surface by sanding or light grinding, and remove dust residues from the surface by blowing or washing clean to ensure proper adhesion.

## Surface Imperfections

Before application of Hybrid PU Based Colour Kote T-150, the court surface shall be flooded with water and allowed to drain. Any depressions capable of submerging an Indian 5 rupee or 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 with Resurfacer.

## Mixing Instructions

Hybrid PU Based Colour Kote T-150 comes ready-to-use. In some cases, such as high temperatures, water may improve the workability of Hybrid PU Based Colour Kote T-150. A maximum ratio of 5 parts Hybrid PU Based Colour Kote T-150 to 1 part water is allowed.

## Guide to Application

### Application

Using a flexible rubber squeegee, 50 or 70 durometer, apply Hybrid PU Based Colour Kote T-150 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 (90°F or above) is improved by keeping the surface damp with a fine mist water spray. Additional applications should be installed at 90° to the previous application.

### Drying and Cure Time

Hybrid PU Based Colour Kote T-150 must be allowed to dry for 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. After the final application of Hybrid PU Based Colour Kote T-150, the surface shall cure for a minimum of 3 days at temperatures above 60°F and 50% relative humidity.

**Coverage** The undiluted coverage rate is approximately 500 to 600 grams per sq.meter per application.

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

## Limitations

### Surface Limitations

Hybrid PU Based Colour Kote T-150 is limited to application on hot-mix asphalt and Portland cement concrete recreational surfaces. Carbolink Systems does not recommend, nor authorize the application of Hybrid PU Based Colour Kote T-150 on any other surfaces without prior approval from your Carbolink's Area Manager.

### Weather Limitations

No part of the construction involving the Carbolink 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 the surface temperature is above 140°F.

### Do Not Over Dilute

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

### 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.

### Keep From Freezing

Hybrid PU Based Colour Kote T-150 is a water-based acrylic system and it must be kept from freezing during storage or transit. If you receive a product you suspect may have been exposed to freezing temperatures, consult your Carbolink Manager for proper handling instructions.

## Pack Size

23Kgs



## Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

## Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

## Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products.