

Carbolink's Solutions for Sports Flooring

Carbolink Acrylic Resurfacer SF 101



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

India's Most Preferred
Construction Chemical Manufacturing Brand



Carbolink India Pvt. Ltd.

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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 Carbolink Acrylic Resurfacer SF 101 :





Carbolink Acrylic Resurfacer SF 101

Acrylic Base for Recreational Surfaces

DESCRIPTION

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

USE

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

SURFACE PREPARATION

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.

Substrate Cure Requirements

New hot-mix asphalt surfaces must be allowed a minimum of 14 days cure time before application of Carbolink 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.

Surface Condition

The surface on which Carbolink 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 to fill cracks. Consult the data sheet for application information.

Surface Imperfections

Before application of primers or Carbolink 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 Binde.

Priming

- Priming of asphalt surfaces is only necessary if existing asphalt is too badly weathered to establish a strong bond with the Carbolink Acrylic Resurfacer. In the case of extremely oxidized asphalt surfaces, contact Carbolink's Area Manager.
- When applying Carbolink Acrylic Resurfacer to new concrete surfaces, a primer is necessary to improve adhesion. Carbolink's Surfacing Systems offers Primer 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 mix has been found to be satisfactory for average surface conditions :

Acrylic Resurfacer	208 Kgs	114 Kgs
Silica Sand (60 - 80 Mesh)	272 - 408 Kgs	147 - 181 Kgs
Clean potable water	75 - 151 Kgs	41 - 83 Kgs

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.

Water Mix

In no case should Carbolink 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.

Resurfacing Mix

After the addition of sand and water to the Carbolink 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.

GUIDE TO APPLICATION

System Recommendations

Carbolink recommends one 1-2 coats of Carbolink Acrylic Resurfacer prior to the application of any Carbolink 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.

Installation

Using a flexible rubber squeegee, apply Carbolink 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.

Drying and Cure Time

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

COVERAGE

The undiluted coverage rate is approximately 0.250 Kg per 8 S.Ft., per application

CLEAN-UP

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

LIMITATIONS

Surface Limitations

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

Weather Limitations

No part of the construction involving the Carbolink 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 is 3:2. 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

Carbolink 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 Carbolink 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.

**India's Most Trusted
Construction Chemical Manufacturing Brand**



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