Acrylic Resurfacer SF 101

Acrylic based Resurfacer for Recreational Surfaces

Pack Size
200Kgs, 100Kgs, 60Kgs & 23Kg

TDS
Technical Data Sheet

Product Overview

Carbolink Sports Acrylic Resurfacer SF 101 is a concentrated 100% acrylic latex binderdesigned to be mixed with silica sand orrubber for application on recreational surfaces madeof hot-mix asphalt or Portland cement concrete. This product ensures a solid preparation basefor color coating.

Key Features

- Acrylic Latex Binder: High-quality 100% acrylic latex binder.
- Enhanced Adhesion: Improves the adhesion of subsequent coatings.
- Surface Preparation: Ideal for preparing new or existing asphalt and concretesurfaces for color coating.

Recommended Uses

- Carbolink Sports Acrylic Resurfacer SF 101 is perfect for preparing new asphalt or concrete
- surfaces, as well as existing acrylic surfaces, for color coating. It is designed for recreational
- surfaces such as tennis courts, basketball courts, and other play areas.Application Guidelines

Surface Preparation:

Base Construction: Ensure the surface meets or exceeds the American SportsBuilders Association (ASBA) Guidelines. For existing colored surfaces, ensure the base construction is in sound condition and compliant with ASBA Guidelines.
Substrate Cure Requirements: New hot-mix asphalt surfaces require at least 14days of curing before application. For Portland cement concrete surfaces, a minimum of 28 days curing is necessary, followed by acid etching with phosphoric or muriatic acid.
Surface Condition: The application surface must be smooth, clean, and free of dirt, loose paint, oils, chemicals, vegetation, and other debris. Clean cracks thoroughly and fill with Crack Filler. Refer to the product data sheet for detailed application instructions.
Surface Imperfections: Flood the surface with water and allow it to drain. Mark any depressions capable of submerging a U.S. five-cent piece after one hour with chalk Once dry, patch these areas as needed.

Priming:

Asphalt Surfaces: Priming is necessary if the existing asphalt is too weathered to establish a strong bond. For extremely oxidized asphalt, consult Carbolink's Area Manager.
Concrete Surfaces: A primer is required to improve adhesion. Use Carbolink's Primer AT 107, a two-component water-based epoxy primer. Refer to the respective data sheets for proper application

Mixing Instructions:

Recommended Mix:

- Acrylic Resurfacer: 120 kg
- Silica Sand (60-80 Mesh): 140-160 kg
- Clean Potable Water: 40-60 kg

Sand Mix: Use clean sand free from clay, silt, ferrous metals, or salt. The quality of sand affects the outcome of the resurfacer mix.
Water Mix: Do not dilute more than 3 parts Acrylic Resurfacer to 2 parts water. The amount of water needed depends on the sand's moisture content and gradation.
Resurfacing Mix: Mix sand and water thoroughly with Acrylic Resurfacer SF 101 using a mechanical drill mixer until homogeneous. Stir periodically during application to maintain consistency.

Guide to Application:

System Recommendations: Apply 1-2 coats of Carbolink Acrylic Resurfacer SF 101 before applying any Carbolink Surfacing System.
Installation: Apply the mix with a flexible rubber squeegee, working parallel to one side of the surface. Avoid leaving ridges at overlapping areas. In hot conditions, keep the surface damp with a fine mist spray.
Drying and Cure Time: Allow at least 12 hours of curing before applying acrylic coatings.
Coverage: The undiluted coverage rate is approximately 0.28-0.35 kg/m² per layer on concrete surfaces and 0.36-0.40 kg/m² per layer on asphalt surfaces.
Clean Up: Clean all equipment with water immediately after use.

Technical Characteristics

Product:	Aqueous acrylic copolymer
Viscosity (25°C)	>500 cps
PH	8-8.5
Specific Gravity	: 1.02
Material Consumption	: 0.3-0.5 kg/m² of undiluted material, depending on substrate condition
Storage	: 12 months in original unopened containers

Health and Safety
Avoid contact with eyes and skin. In case of contact, rinse immediately with plenty of water. Use in well-ventilated areas. For more detailed information, refer to the product's Safety Data Sheet (SDS).
Packaging and Storage
Store in a cool, dry place away from direct sunlight and extreme temperatures. Keep containers tightly closed when not in use. Ensure the product is stored in its original, unopened packaging for a maximum of 12 months.
Limitations
Surface Limitations: Carbolink Acrylic Resurfacer is designed for application on hot-mix asphalt and Portland cement concrete recreational surfaces only. Consult Carbolink's Area Manager before using it on other surfaces.
Weather Limitations: Do not apply during rainfall or when rain is imminent. The air temperature should be at least 60°F and rising. Avoid applying when the surface temperature exceeds 140°F.
Do Not Over Dilute: Maximum dilution ratio is 2:1. Over dilution may cause streaking, foaming, adhesion failure, sand fall-out, and poor durability of the coating.
Indoor Application Drying: Drying times may be extended by high humidity, cool temperatures, or lack of air movement, especially indoors.
Keep From Freezing: As a water-based acrylic system, it must be protected from freezing during storage and transit. If exposed to freezing temperatures, consult Carbolink's Surfacing Systems Representative.

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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. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.