



# RT - PU Spray Coat P21

2k PU Coloured binder for Running Tracks

Pack Size  
220Kgs, 250Kgs, 35Kgs & 20Kgs

## TDS Technical Data Sheet



### Product Overview

Carbolink RT: PU Spray Coat P21 is a low-viscosity, two-component polyurethane spray coating known for its long-term elasticity. Compliant with WORLD ATHLETICS standards, this environmentally friendly and flexible coating is designed for highstrength applications. It is used explicitly in the Carbolink running track system, POLTRACK SPRAYCOAT, as the spray layer mixed with EPDM rubber granules

### Technical Characteristics

Mixing Ratio	85%: 15% (By weight) or as specified on the container
Viscosity (25°C):	900-3000 mPa.s
Density of Mixture (25°C):	1.48-1.58 kg/L
Pot Life (25°C)	Approximately 30 minutes
Application Temperature	10 - 40°C
Curing (25°C and 60% Relative Humidity)	9-12 hours
Color	Refer to Carbolink's PU colour chart

### Application Guidelines

**1. Surface Preparation:** Ensure the surface is dry and free from materials that might prevent bonding, such as dust and loose particles (applicable to both asphalt and concrete surfaces). Proper preparation of the underlay is crucial for successful application.

- **Primer Application:** Apply XP 13 Primer. Refer to the TDS of XP 13 Primer for detailed instructions.
- **Base Coat Application:** Apply the base coat of the PU Spray coat P 21 system using a wet-pour mixture of XP-14 and recycled rubber to built Thickness of 10mm or as Specified.Refer to the TDS of XP 14 for details.

**2. Top Spray Coating:** Once the surface is fully cured (48-72 hours, depending on temperature and humidity), apply the final top spray coating, which consists of RT—PU Spray Coat P21 mixed with EPDM granules (0.5-1.5 mm granulometry).

- **Mixing:** Thoroughly mix RT - PU Spray Coat P21 with EPDM granules until a uniform colour and coating are achieved. The mixing process should last 1-2 minutes with the appropriate mixer.

- **Application:** Apply the mixture using a suitable spraying machine in two "crosshatch" layers. To ensure complete coverage, the first layer should cure for 12-24 hours before applying the second layer perpendicular to the first.
- **Curing:** The coating cures at ambient temperature and is influenced by atmospheric moisture. Higher temperatures and moisture will shorten the cure time. Complete curing occurs within 3-5 days.
- Apply final UV-resistant clear coat of PU RC WB(2K) for better color Retention

## Consumption

- **RT - PU Spray Coat P21:** 1.35 kg/m<sup>2</sup>
- **Top Spray Coating (RT - PU Spray Coat P21 + EPDM 0.5-1.5 mm thickness, two layers):** 2.25 kg/m<sup>2</sup>
- **Mixing Ratio:** 60:40 by weight (RT - PU Spray Coat P21: EPDM 0.5-1.5 mm)

## Storage

Store in unopened containers in dry places, out of sunlight, with a temperature range of 5°C to 30°C. The shelf life is 12 months from the date of manufacture.

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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.