



RT - PU Polyseal 0907

2 component Pore Filler PU for
Sports Surfaces

Pack Size

200Kgs, 250Kgs, 60Kgs, 20Kg, 15Kgs
& 5Kgs

TDS Technical Data Sheet



Product Overview

Carbolink RT: PU Polyseal 0907 is a solvent-free, two-component polyurethane sealant with excellent elastic and tensile strength properties. It meets WORLD ATHLETICS standards, making it an environmentally friendly and high-strength option. This product is used as a sealing layer in sandwich running track systems, offering good force reduction. RT - PU Polyseal 0907 is easy to apply and cures well even under varying temperatures.

Technical Specifications

Mixing Ratio	100:25 (By weight) or as specified on the container
Viscosity (25°C)	70,000 - 95,000 mPa.s
Density of Mixture (25°C)	1.48-1.58 kg/L
Pot Life (25°C):	20-30 minutes
Application Temperature	10 - 40°C
Curing Time (25°C and 60% Relative Humidity)	After 24 hours
Color	Beige or custom colours upon request

1.Application Guidelines

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

- **Cleaning:** Use a vacuum cleaner and squeegee to remove dust and residues.
- **Application:** Apply RT - PU Polyseal 0907 directly onto a cast-in-situ cushion base layer of wet pour mixture (SBR rubber granules mixed with polyurethane binder) or prefabricated roll. The surface must be dry, load-bearing, clean, and free of loose and brittle particles and substances such as oil, grease, paint, or other contaminants.
- **Timing:** The interval between applying the pore sealer (first coating) and further coatings should not exceed 24 hours. Use RT - PU Polyseal 0907 for longer breaks as a bonding agent after thorough cleaning.

2. Mixing: Ensure both components are at a temperature between 10-40°C. Stir the A component thoroughly to incorporate any slight separation, then add the B component while stirring until a homogeneous mix is obtained.

3. Application: Use a flat metal trowel to apply the mixed RT - PU Polyseal 0907. The mixed material must be used within 20-30 minutes at 25°C. Ensure the surface is dry and clean before application.

- **Coverage:** Material coverage ranges from 1.3 - 2.5 kg/m², depending on the surface structure (grain size, compaction, evenness) and the temperature of the substrate, ambience, and material. Substrate temperatures must not exceed 50°C as this would liquefy the material.

- **Protection:** During the first hours after application, protect the coating from direct contact with water to prevent foaming. Do not apply RT - PU Polyseal 0907 if rain is expected.

- **Recoat Time:** Pore-sealed surfaces with RT - PU Polyseal 0907 can be recoated within the first 48 hours after application without using a primer if the surface is dry and clean

Consumption:

1.3 - 2.5 kg/m², depending on the porosity of the substrate.

Storage

Store in unopened containers in dry places with temperatures between 5°C and 30°C, away from direct sunlight. Shelf life is 12 months.

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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.