



# XP 14 Water Clear

Single Pack PU Based Water  
Clear Binder

Pack Size Bucket - 250Kgs, 200Kgs & 30Kgs

## TDS Technical Data Sheet



### Product Overview

Carbolink XP 14 Water Clear is a high-performance, solvent-free, moisture-curing, one-component polyurethane binder. This clear binder offers excellent long-term elasticity and adhesion to most rubber granulates, ensuring superior tensile strength and durability. It is ideal for creating the base layer of running track systems and as a base coat for playgrounds, tennis courts, and similar applications.

### Key Features

- Solvent-free and clear
- Moisture-curing with long-term elasticity
- Excellent adhesion to rubber granulates
- High tensile strength and durability

### Recommended Uses

Carbolink XP 14 Water Clear is used for:

- Creating base layers for running track systems
- Base coats for playgrounds and tennis courts

### Technical Specifications

|                         |                             |
|-------------------------|-----------------------------|
| Type                    | One-component polyurethane  |
| Appearance              | Liquid                      |
| Color:                  | Transparent                 |
| Viscosity:              | 4,000 - 8,000 mPa.s at 25°C |
| Density:                | 1.08 - 1.18 Kg/L at 25°C    |
| Application Temperature | 10 - 40°C                   |

### Application Guidelines

- Ensure surfaces are dry and free of dust, loose particles, and other contaminants.
- Clean surfaces thoroughly before application.

- Prime surfaces with XP 13 Primer using an airless sprayer and brush. The base layer should be constructed while the XP 13 Primer is still sticky (wet-on-wet application). Curing occurs at ambient temperature through solvent evaporation and reaction with atmospheric moisture.
- Mix XP 14 Water Clear with recycled rubber using a low-revolution mixer (300-600 rpm) for 1-2 minutes until homogeneous.
- Pour the mixture onto the surface and spread to a thickness of 11 to 12mm using a suitable paving machine or hand straightedge and flat trowel. Roll the surface with a metallic cylinder to remove minor irregularities.
- Ensure the temperature does not fall below ten °C during curing.
- Curing time depends on temperature and humidity, taking approximately 48-72 hours.

## Consumption:

- **Mixture:** 1.32 kg XP 14 Water Clear with 6 kg recycled rubber (granulometry 0.5-2.5mm)
- **Ratio:** 18.3% XP 14 Water Clear to 81.7% recycled rubber

## Pack Size

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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

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