



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

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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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