



Acrylic Clear Coat T-71

2K Acrylic Clear Coat

Pack Size
5.05Kg

TDS
Technical Data Sheet



General Characteristics

Carbolink PU Clear Coat T-71 is a polyurethane, two-component, solvent-based coating with a semi-matte finish, designed for outdoor sports surfaces. It is applied as a final sealing layer on top of playground floorings made of SBR rubber granules plus PU binder mixture, or EPDM plus PU binder mixture, safety tiles, and polyurethane outdoor/indoor sports systems such as SPU K-17/10+2mm PU System. This coating is UV-resistant and ideal for outdoor surfaces, including running tracks. It provides UV protection for sensitive, light colors like blue, orange, and green, and is excellent for protecting EPDM rubber flooring.

Technical Characteristics

Mixing Ratio (by weight)	99:1
Density (25°C)	1.05 kg/L
Viscosity (25°C)	800-2,500 mPas
Application Temperature	15-40°C
• Curing Time (25°C)	9-12 hours
Color	Refer to Carbolink's color chart

Preparation and Application

- Ensure surfaces are dry and free of materials that might prevent bonding, such as dust, loose particles, and grease.
- Clean the surface thoroughly using a vacuum cleaner and squeegees.
- Ensure the temperature of the support surface and ambient air remains above 15°C during application and curing, with relative humidity not exceeding 75%.
- Thoroughly stir component A, then add hardener (component B) while continuing to stir until a homogeneous mix is obtained.
- Apply using an airless sprayer or a short-haired mohair roller in two crossing layers.

Consumption

- Polyurethane Floorings: 150-200 g/m²
- Running Tracks or EPDM Surfaces: 400-500 g/m²
- Apply at least two layers.

Storage

- Store in unopened containers in dry places.
- Temperature range: 5°C to 30°C (avoid sunlight).
- Shelf life: 12 months.

Remarks

- If the PU top coat layer is applied more than 24 hours after the last layer of PU pore filler, the entire surface must be sanded before applying the PU top coat.
- The second layer of PU Clear Coat T-71 should be applied within 24 hours under European conditions or within 3-6 hours under GCC high-temperature conditions to prevent adverse conditions from affecting the surface.
- Prolonged storage of partially used containers should be avoided as contact with atmospheric moisture can cause clouding.
- After hardening, PU Clear Coat T-71 is completely safe for health.

Caution

- Apply in well-ventilated areas using protective gloves.
- Avoid skin or eye contact; if contact occurs, wash thoroughly with soap and water.
- Consult the safety data sheet for more information.

Pack Size

5.05Kgs



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.