



PU Clear Coat T-70

PU Clear Coat

Pack Size
5Kgs

TDS Technical Data Sheet



General Characteristics

PU Clear Coat T-70 is a polyurethane, single-component, solvent-based, semi-matte finish aliphatic coating designed for outdoor sports surfaces. It is used as a final, sealing layer on playground floorings made of SBR rubber granules plus PU binder mixture, EPDM plus PU binder mixture, safety tiles, and polyurethane outdoor/indoor sports systems such as SPU K-17/10+2mm PU System. The coating is UV-resistant, making it suitable for outdoor surfaces, including running tracks, providing UV-protection for sensitive, light colors such as blue, orange, and green. It is ideal for the protection of EPDM rubber flooring.

Technical Characteristics

Density (25°C)	1.05 g/cm ³
Viscosity (25°C)	: 800-2,500 mPas
Application Temperature	: 15-40°C
Curing (25°C)	9-12 hours
Color	Refer to Carbolink's color chart

Preparation and Application

PU Clear Coat T-70 should be applied on dry surfaces without rising humidity issues, free of materials that might prevent bonding such as dust, loose particles, and grease. Success in application depends on the proper preparation of the underlay and correct use of the material. Ensure good, dry cleaning of the surface from dust and residues using a vacuum cleaner and squeegees. It is important to maintain the temperature of the support surface and ambient air above 15°C during application and curing, while relative humidity should not exceed 75%.

Consumption

- Polyurethane floorings: 150-200 g/m²
- Running tracks or EPDM surfaces: 400-500 g/m²

Apply at least two layers.

Storage

Store PU Clear Coat T-70 in unopened containers in dry places with a minimum temperature of 5°C and a maximum temperature of 30°C, avoiding direct sunlight. The shelf life is 12 months.

Remarks

- If the layer of PU top coat is applied after more than 24 hours of the application of the last layer of PU pore filler, the entire surface must be sanded using a special sanding machine before applying the PU top coat.
- The second layer of PU Clear Coat T-70 must be applied strictly within 24 hours in European conditions or within 3-6 hours in GCC high-temperature conditions to protect the surface from adverse conditions such as sand dust or accumulated dirt.
- The working time of PU Clear Coat T-70 decreases as ambient temperature rises.
- Prolonged storage of partially used containers should be avoided as contact with atmospheric moisture can cause clouding of the product.
- After hardening, PU Clear Coat T-70 is completely safe for health.

Caution

- The application must take place in well-ventilated areas using protective gloves. Avoid skin or eye contact. In case of contact, wash carefully with soap and water. For more information, consult the safety data sheets.

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5Kgs



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.