



Acrylic-Line-Marking-Paint-LM-40

General Purpose Line Marking
Paint for athletic Surfaces

Pack Size
5Kgs

TDS
Technical Data Sheet



Product Overview

Carbolink Sports Acrylic Line Marking Paint LM 40 is a highly reflective, 100% acrylic marking paint designed for use on bituminous surfaces or acrylic color coating systems in recreational or light traffic areas. This paint does not cause cracking, crazing, peeling, or deterioration to asphalt, unlike solvent-based traffic paints.

Key Features

- **Highly Reflective:** Provides excellent visibility.
- **100% Acrylic:** Ensures durability and flexibility.
- **Non-Damaging:** Will not cause damage to asphalt surfaces.

Recommended Uses

Acrylic Line Marking Paint LM 40 is ideal for striping color-coated recreational surfaces or any asphalt or concrete surface in light traffic areas, such as tennis courts, play areas, curbs, berms, and parking lots.

Physical Properties

Color	White and Yellow
Curing Conditions:	70°F and 50% relative humidity
To Top Coat:	4 hours
Estimated Cure Time:	24 hours
Minimum Ambient, Surface & Product Installation Temperature: 60°F and rising	20,000-30,000 mPa-s

Application Guidelines

Surface Preparation:

Substrate Cure Requirements: New hot-mix asphalt surfaces require at least 14 days of curing before applying LM 40 Paint. New Portland cement concrete surfaces need a minimum of 28 days curing.

Surface Condition: Ensure the surface is smooth and free of dirt, loose or flaking paint, oily materials, chemical residues, vegetation, and other debris that could prevent proper adhesion.

Application Guidelines

Mixing Instruction:

LM 40 paint is ready to apply. Only gently stirring in necessary. **Do not dilute.**

Guide Instructions:

System Recommendation:

one to two applications provide excellent coverage.

Application:

- Apply LM 40 Paint to a clean, dry, color-coated surface using a brush, roller, airless spray, or specialized marking equipment..
- Apply tape to both sides of the area to be striped. Seal the edges of the tape with a primer coat of SF 100 or the final acrylic color coating to prevent the paint from bleeding under the tape.

Drying and Cure Time:

Allow LM 40 Paint to dry for 4 hours between coating applications. Completed projects should cure for at least 24 hours before use.

Coverage:

Approximately 4 kg per standard tennis court.

Technical Specifications

Product	100% acrylic marking paint
Color:	White and Yellow
Curing Conditions	70°F and 50% relative humidity
☒ To Top Coat:	4 hours
☒ Estimated Cure Time:	24 hours
Minimum Installation Temperature:	60°F and rising

Consumption:

Asphalt Floor: 400-450 g/m² per layer

Concrete Floor: 300-400 g/m² per layer

Application Tools:

Clean tools with water immediately after use.

Health and Safety

Avoid contact with eyes and skin. In case of contact, rinse immediately with plenty of water. Use in well-ventilated areas. For more detailed information, refer away from direct sunlight and extreme temperatures. Keep containers tightly closed when not in use. Ensure the product is stored in its original, unopened packaging for a maximum of 12 months.

Pack Size

5 kgs



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.