



Acrylic Rubber Cushion RC 107 (Fine)

Acrylic Rubber Fine Cushion for Recreational Surfaces

Pack Size
100Kgs, 40Kgs & 20Kgs

TDS Technical Data Sheet



Product overview

Carbolink Sports Acrylic Rubber Cushion RC 107 (Fine) is an acrylic-based, highly flexible, wet-pour cushion rubber flooring designed for recreational surfaces. It contains SBR granulometry ranging from 0.1 to 0.4 mm, making it ideal for sports fields.

Key Features

- **Highly Flexible:** Acrylic-based formulation provides excellent flexibility.
- **Versatile Application:** Suitable for both asphalt and waterproofed cement surfaces without rising humidity issues.
- **Elastic Subfloor:** This creates a very elastic subfloor for athletic courts that requires minimal maintenance.
- **Ideal for Multiple Sports:** Perfect for tennis, basketball, handball, football, and volleyball courts.
- **Easy Application:** Ensures a safe and high-quality playing surface.
- **Recommended Top Coating:** For the final surface, it is recommended to cover it with Carbolink Acrylic Color Coating, a certified coating by the INTERNATIONAL TENNIS FEDERATION (ITF). Use Carbolink Acrylic Line Marking Paint LM 40 for court lines in any desired color.

Technical Specifications

- **Basis:** Acrylic
- **Appearance:** Viscous paste
- **Colours:** Black
- **Density:** 0.85-0.95 kg/L
- **Viscosity:** 20,000-30,000 mPa·s
- **Application Temperature:** 10-40°C
- **Walkability:** After one day at 25°C

Application Guidelines

Surface Preparation:

1. Ensure surfaces are dry and free from rising humidity, dust, loose particles, grease, and other contaminants.
2. Clean the surface thoroughly using a vacuum cleaner and squeegees.
3. Prime the surface with an appropriate Carbolink Primer to ensure proper adhesion to the subfloor. Apply one or more layers until the surface is saturated, avoiding puddles. Consumption: 200-400 g/m², depending on the underlay's absorption.
4. Once the primer begins to dry (approximately 1 hour, depending on ambient temperature), apply Carbolink Acrylic Resurfacer (SF-100) to seal the subfloor porosity. Apply one or more layers depending on the subfloor's desired thickness, porosity, and roughness. Application by squeegee. Consumption: 300-400 g/m² per layer.

5. After one day, apply Carbolink Acrylic Rubber Cushion RC 106 (Coarse) liquid rubber cushion in two to five layers, diluted with 25% water, using a squeegee.

6. Follow with the application of Carbolink Acrylic Rubber Cushion RC 107 (Fine) in two layers, diluted with 25% water, applied by squeegee.

7. Once the Acrylic Rubber Cushion RC 107 (Fine) dries (24 hours at 25°C), apply Carbolink Acrylic Sports Kote T 50.

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. If contact occurs, rinse immediately with plenty of water. Use in well-ventilated areas. For more detailed information, refer to the product's Safety Data Sheet (SDS).

Packaging and Storage

Store in a cool, dry place 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.

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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

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.