



Epoxy Primer N 40

Epoxy Based high built Primer for
Sports Surfaces

Pack Size
15Kgs

TDS
Technical Data Sheet



Product Overview

Carbolink Epoxy Primer N 40 is a two-component epoxy-based primer designed for use with Carbolink's sports flooring systems. This high-performance primer is ideal for preparing surfaces before applying thick applications of Carbolink's sports flooring system or other appropriate cement-based products.

KEY Features

- Two-component solvent-free epoxy primer
- Easy to apply
- Suitable for internal and external use
- Seals substrate and acts as an adhesive bridge
- Compatible with Carbolink's sports systems like Skating & Cycle Track System

Recommended Uses

- Carbolink Epoxy Primer N 40 is used as a primer for:
- Sports flooring systems
- Skating and cycle tracks

Technical Specifications

Type	Two-component epoxy
Appearance	Liquid
Color:	Transparent
Viscosity:	4,000 - 8,000 mPa.s at 25°C
Density:	1.08 - 1.18 kg/L at 25°C
Working Time	50 minutes
Walkability:	24 hours

Curing Time:	7 days
Bond Strength:	> 2.5 N/mm ²

Application Guidelines

- **Surface Preparation:** Ensure the substrate is rigid, sound, and free of dust, paint, lime coatings, plaster, curing agents, adhesive residues, grease, oil, and other contaminants. Mechanical preparation methods such as scabbling, grinding, or shot blasting are used to clean the surface.
- **Mixing:** Stir individual components thoroughly before mixing. Pour Part B into Part A and mix for at least 3 minutes using a slow-speed drill with a spiral paddle. Reintroduce some mixed components into the hardener container, then mix again for 30 seconds.
- **Application:** Spread the mixed material over the floor immediately to avoid self-heating in the container. Apply using a brush or short/medium pile roller. Multiple coats may be necessary to ensure uniform coverage and compensate for surface porosity differences.
- **Coverage:** Approximately 20-25 m² per coat (theoretical coverage).
- **Storage:** Store in dry conditions. Shelf life is 12 months in original unopened containers.

Physical Properties

Epoxy Primer N 40 @ 27±1°C

Pot Life	50 minutes
Walkability	24 hours
Curing Time:	7 days
Bond Strength:	> 2.5 N/mm ²

Storage & Shelf Life

Store in dry conditions. Epoxy Primer N 40 has a storage life of not less than 12 months in the original unopened containers.

Precautions

- Epoxy resin contains bisphenol A/F epichlorohydrin, which can irritate the eyes and skin and may cause sensitization by contact. Avoid contact with eyes, nasal passages, mouth, and unprotected skin. Use protective gloves and clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After skin contact, wash immediately with plenty of soap and water.

Surface Preparation

Proper surface preparation is essential for long-term performance. Techniques include contained shot blasting, surface planing, or scabbling to achieve a satisfactory substrate. Ensure the concrete surface is hard, sound, and free of contaminants. Test surface strength according to BS 8204-6:2001 standards.

Pack Size

15Kgs



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.