



Turf Glue

2 Component Multipurpose Turf Adhesive

Pack Size
14Kg

TDS Technical Data Sheet



Product Overview

Carbolink Turf Glue is a two-component, solvent-free polyurethane adhesive designed for bonding turf to substrates. The adhesive consists of Component A, a thick paste, and Component B, a fluid hardener, mixed in a ratio of 12.8:1.2. When combined, the components form a uniform coloured paste that is easy to apply using a notched trowel and is characterized by excellent rib formation. Turf Glue is especially recommended for users allergic to epoxy or epoxy-polyurethane products. It performs well in winter, setting faster at low temperatures than epoxy-polyurethane products. After 24 hours of curing at ambient temperature, Turf Glue forms a tough film with high adhesion properties suitable for various support materials.

Recommended Uses

- Carbolink Turf Glue is ideal for bonding jointing strips between synthetic grass sheets indoors and outdoors (e.g., Turf Tape 40). When used for bonding Turf Glue 40, it helps achieve pitches that meet FIFA standards.

Storage

- Store Turf Glue in a dry, cool place between 4°C (40°F) and 32°C (90°F). In its original sealed container, the product has a shelf life of 1 year.

Features

- Excellent adhesion results
- Easy to apply
- Efficient consumption rate

Application Guidelines

- **Preparation of Substrates:** Prepare substrates according to instructions for synthetic playing surfaces and current regulations and standards. Ensure proper mixing using a low-speed mechanical mixer until a smooth, uniform-colored paste is obtained.
- **Mixing:** Use complete kits for mixing. Mixing partial quantities requires a precise weighing of the components.
- **Application:**
- **Temperature:** Do not use Turf Glue at temperatures below 0°C. High temperatures (above 35°C) may reduce the pot life of the adhesive.
- **Surface Condition:** Apply only on clean, dry substrates free from oil, grease, dirt, and other contaminants.
- **Mixing:** Pour Component B into Component A and mix thoroughly using a low-speed mechanical mixer until a uniform paste is obtained.
- **Spreading:** Apply Turf Glue on jointing strips of Turf Tape 100 using a No. 3MMI notched trowel. Spread the adhesive evenly. The open time is approximately 70-80 minutes at 23°C..

Technical Specifications

- **Component A:** Thick paste, green/red/white, density 1.65 g/cm³, dry solids content 100%, viscosity 60,000 mPa.s
- **Component B:** Fluid liquid, brown, density 1.2 g/cm³, dry solids content 100%, viscosity 20 mPa.s

Application Data:

Mixing Ratio	12.8:1.2 (Component A: Component B)
The viscosity of Mix	25,000 mPa.s
Density of Mix	1.60 g/cm ³
Application Temperature Range	0°C to 30°C
Pot Life:	Approximately 40 minutes
Open Time:	70-80 minutes
Setting Time	Starts at approximately 3 hours, light foot traffic after 4 hours, fully set after 12-24 hours, ready for use in 7 days

Coverage

The standard consumption rate is 1.2 - 1.5 kg/m² (2.2 - 2.7 lb/yd²).

Safety Guidelines

- Wear recommended personal protective equipment.
- Avoid contact with eyes, skin, and clothing.
- Ensure adequate ventilation during application.

Installation Guidelines

Ensure the surface to be coated is clean, dry, and free of contaminants. Pour Part B into Part A and mix thoroughly for at least 5 minutes before application. Apply Turf Glue with a notched trowel to achieve a uniform coating.

Pack Size

14Kg



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.