



# EP Tilefix

Two Component Epoxy Based Tile Grout

Pack Size  
5Kgs, 1Kgs

TDS  
Technical Data Sheet



## Product Description

EP Tilefix is a high-performance, two-component epoxy-based tile grout specifically formulated for demanding environments. It offers excellent adhesion, chemical resistance, and durability, making it ideal for use in areas requiring hygienic conditions and resistance to mechanical and chemical stress.

## Areas of Application

EP Tilefix is suitable for use in various applications, including:

- Grouting floors and walls in the food industry (dairies, breweries, food plants, shops, etc.), where hygiene is critical.
- Grouting ceramic tiles on laboratory benches, kitchen work surfaces, bathrooms, washrooms, shower areas, etc.
- Grouting swimming pools, industrial floors, and walls where resistance to mechanical and chemical attack is required.

## Features & Benefits

- **Impervious:** Ensures excellent waterproofing in wet areas, maintaining hygiene and cleanliness.
- **Excellent Adhesion:** Provides long-lasting adhesion, ensuring durability throughout the tile's life.
- **Chemical Resistance:** Non-toxic and resistant to a wide range of chemicals, making it suitable for use in harsh environments.
- **Hygienic:** Ideal for areas where hygiene maintenance is crucial, such as laboratories, clinics, and bathrooms.

## Technical Details

Pot Life:	Approximately 60 minutes.
Foot Traffic:	24 hours.
Heavy Traffic:	7 days.
Specific Gravity:	1.8.
Sag:	No sag.
Tensile Bond Strength (14 days air drying):	> 4.5 MPa
Water Absorption:	Nil.
Linear Shrinkage:	Nil.

## Precautions

Wear suitable rubber gloves to avoid skin contact during application.

Ensure that the surface is dry; do not apply EP Tilefix on wet or damp surfaces.

Prevent water from flowing into un-grouted joints during application.

Use masking tape along tile joints when working on unglazed floor tiles, natural stone tiles with matte glaze, or textured surfaces.

## Safety Features

- Refer to the MSDS for Carbolink's Epoxy Tile Grout for detailed safety information.
- Store the container tightly closed in an upright position, in a cool, dry place, away from children and foodstuffs.
- May be harmful if swallowed. In case of ingestion, seek immediate medical attention.
- Wear eye protection during application. In case of eye contact, rinse immediately with plenty of water and seek medical advice if necessary.
- Avoid inhaling vapors or spray. Use suitable respiratory protection during surface preparation, mixing, and application to avoid dust inhalation.
- In the event of spills, contain spillage using sand or earth

## Coverage

### Tile Dimension (mm) Consumption (Kg/m<sup>2</sup>) for Tile Joint Width

Length	Width
300	300
300	300
300	300
300	600
330	330
450	450
600	600
200	300

## Application Instructions

- **Surface Preparation:** Ensure the adhesive bed is fully set before grouting. Clean the joints thoroughly, removing all adhesive and contaminants such as efflorescence, dirt, and other loose materials using a grout raker. Wet the joints with clean water, and ensure they are dry before grouting.
- **Mixing:** Take pre-measured water in a clean mixing vessel. Add EP Tilefix and mix until a smooth, lump-free paste of uniform color is obtained. If using an electric drill mixer, blend at a slow speed (less than 300 rpm) to avoid entraining air. Do not reconstitute the mixed grout by adding more water, as this will reduce the final strength.
- **Application:** Use a grout float or rubber squeegee to compact the mixed grout into the joints, ensuring they are completely filled. Work in small areas and remove as much excess grout from the tile surface as possible. Allow about 15 minutes for the grout to dry, then clean the tile surface diagonally to the joint lines using a damp sponge. Finally, wash down with clean water to remove any dried grout film from the tile surface.
- **Cleaning:** Tools and containers may be cleaned using clean water while the adhesive is still fresh. Hardened adhesive can be removed mechanically.

## Storage and Shelf Life

EP Tilefix has a shelf life of 12 months when stored in normal dry conditions.

## Precautions

Keep out of reach of children. Wear suitable protective clothing, gloves, and eye/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

## Conditions of Sale

Sold subject to the Company's conditions of sale, which are available on request.

**Pack Size**  
5Kgs, 1Kg



### 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.