

## Method Statement for Application of BC Poxy Grout 252

### Introduction

This **method statement** outlines the procedures and precautions to be followed when applying BC Poxy Grout 252, often used for filling joints or bonding surfaces in construction projects. Below is a typical method statement for applying epoxy grout:

This method statement describes the procedure for mixing, applying, and curing BC poxy grout 252 in construction. The grout will be used to fill joints, voids, or as a bonding agent for tiles, stones, or machinery foundations, ensuring structural stability and chemical resistance.

### 2. Scope of Work

This covers the application of BC Poxy Grout 252 to specific areas, such as:

- Machinery foundations.
- Tile or stone bedding.
- Anchoring of bolts.
- Filling structural joints or voids.

### 3. Materials

- BC Poxy grout 252 (two-component or three-component, as specified).
- Clean water (if needed for mixing).
- Solvents or cleaners (as per manufacturer's recommendation).
- Personal Protective Equipment (PPE) such as gloves, masks, and safety glasses.

### 4. Tools and Equipment

- Mixing equipment (mechanical mixer).
- Clean mixing containers.
- Trowels or grout floats.
- Scrapers.

- Brushes for cleaning.
- Measuring containers.
- Rubber mallet for compaction (if needed).
- Ventilation fans (if used indoors).



## 5. Health and Safety

- Ensure all workers are trained in the safe handling of BC Poxy Grout 252 and chemicals.
- Use appropriate PPE.
- Ensure proper ventilation, especially in confined spaces.
- Dispose of waste material in accordance with local regulations.

## 6. Surface Preparation

1. **Inspection:** Ensure the substrate (concrete, tile, or stone surface) is clean, sound, and dry.
2. **Cleaning:** Remove any dust, debris, oil, grease, or old grout by using brushes, solvents, or a pressure washer.
3. **Priming (if necessary):** Some epoxy systems may require the application of a primer on the substrate. Apply the primer as per manufacturer instructions and allow it to dry before proceeding.
4. **Check Leveling:** Ensure the surface is level before grout application. If necessary, perform leveling corrections.

## 7. Mixing of Epoxy Grout

1. Follow the manufacturer's instructions for mixing the epoxy grout.
2. Pour Part A (resin) and Part B (hardener) into a clean container in the specified ratio.
3. Use a mechanical mixer to blend the components thoroughly. Mix until a uniform consistency and color are achieved.
4. Add aggregates (if specified) gradually while mixing, ensuring even distribution.
5. Avoid over-mixing, which may introduce air bubbles into the grout.

## 8. Application of BC poxy Grout 252

1. **Pouring:** Immediately after mixing, pour the BC Poxy Grout 252 into the prepared joints or surfaces.
2. **Spreading:** Use a trowel or grout float to spread the grout evenly across the surface. Ensure proper filling of the voids and joints.
3. **Compaction:** For certain applications (e.g., machinery foundations), compact the grout to remove air pockets and ensure full contact with the substrate. Use a rubber mallet or vibration tool as needed.
4. **Leveling:** Smooth out the grout surface using a trowel, ensuring the grout is flush with the surrounding surfaces.
5. **Finishing:** Clean off any excess grout from the surface using a damp sponge or cloth before it starts to harden.

## 9. Curing

1. Allow the BC Poxy Grout 252 to cure as per the manufacturer's recommended time and conditions (temperature and humidity).
2. Avoid any disturbance, vibration, or load application on the BC Poxy Grout 252 until it is fully cured.
3. Protect the area from water, chemical spills, or other contaminants during the curing process.

## 10. Inspection and Quality Control

1. Visually inspect the applied grout for uniformity, voids, or cracks.
2. Ensure that the surface finish is smooth and flush.
3. Conduct any necessary strength tests or pull-out tests (if applicable) to verify the bonding quality.

## 11. Clean-Up

1. Clean all tools and equipment immediately after use with appropriate solvents.
2. Dispose of any waste material following local environmental regulations.

## 12. Precautions

- Do not apply BC Poxy Grout 252 in temperatures below 10°C (50°F) unless otherwise specified by the manufacturer.
- Ensure that the mixing ratio of resin and hardener is strictly followed to avoid curing issues.
- Avoid direct exposure to sunlight or heat during the application, as it may affect the curing time.

## 13. Completion

Upon completion of the work, remove any protective covers or barriers and ensure that the area is clean and ready for further construction activities or use.