

BAec grout powder

Technical procedure

BAec

BAec Grout Powder is the specific grouting material for prefabricated terrazzo tile. Applied in two coats over the installed tile, it completely fills the joints and corrects micro-pores and surface imperfections caused during transport and installation, improving the uniformity of the floor before on-site polishing.

Reference	Format	Coverage
BAec grout powder	25 kg bag	2.0 – 2.5 kg/m ² (3 mm joint)

Pre-conditions

- Wait 24 hours from tile installation before applying the grout powder.
- Spacing between tiles of 2 – 3 mm.

Surface preparation

- Remove dust, debris and dirt from joints and surface with a broom or mop, avoiding pooling water.
- Proper cleaning helps the grout powder penetrate the joint.

Mix preparation

- In a clean container, add clean water and BAec Grout Powder.
- Mix until homogeneous and free of lumps.
- Manual or mechanical mixing.
- If mechanical: max. 300 rpm for 4 minutes.

Application (two coats)

- Dampen the tile surface with clean water, without pooling.
- **Pour and spread:** pour the grout powder over the entire floor surface and spread with a broom or rubber squeegee, moving the mix in every direction to favour filling and penetration into the joints.
- **Additional benefit:** corrects micro-pores and small surface imperfections caused during transport and installation, improving uniformity before polishing.

Step 1 · Pour Step 2 · Spread Step 3 · Fill Step 4 · Film

First coat (fill 1)

- **Step 1.** Spread the mix with a rubber squeegee in every direction, pressing to fill the joints.
- **Step 2.** It is normal for the level to settle during the first 15 minutes and end up to 2 mm below the tile surface.

Second coat (fill 2) — 30 minutes later

- **Step 3.** Spread the new mix with the rubber squeegee, ensuring complete filling of the joints.
- **Step 4.** Leave a uniform film of approximately 1 mm on the surface.

Curing and subsequent steps

- 24 hours after applying the second coat, dampen daily for 5 days before levelling.
- **Levelling and finishing:** start 5 days after applying the grout powder.

Recommended planning (daily flow by sections)

Day	Activity
Day N	Install tiles (Section 1).
Day N+1	Apply grout powder to Section 1. Install tiles (Section 2).
Day N+2	Apply grout powder to Section 2. Install tiles (Section 3).
Day N+3	Apply grout powder to Section 3. Install tiles (Section 4).
Day N+4	Apply grout powder to Section 4. Install tiles (Section 5).
Day N+5	Apply grout powder to Section 5 and start polishing Section 1.

Cycle continuity: repeat daily by sections in the same order: installation → grout powder (grouting the previous day's section) → polishing (when due based on curing).

Floors finished with BAec grout powder

Once cured and polished, the floor presents a uniform appearance, with sealed joints and a continuous surface ready for daily use.