



# EPOXY GROUT

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# PROOFER EPOXY GROUT

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## DESCRIPTION

Proofer Epoxy Grout is a two-part system, comprising of PART A & PART B and tile cleaner. For ease of application and the ability to fill tile / stone joints the grout is best mixed to a smooth, creamy consistency. Proofer Epoxy Grout is Hygienic, hard-wearing, impervious, epoxide resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. The cured grout does not transfer taints to foodstuffs, does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition

## FEATURES

- Sterile
- Durable joints
- Hygienic and chemical resistant
- Dust Proof
- High strength
- Stain and bacterial resistant
- High abrasion resistant

## SURFACE PREPARATION

Joints should be free from efflorescence, laitance, dirt and other loose material. Remove thoroughly by dry brushing. Clean all joints should be cleaned down by washing with water containing detergent, then with clean water. Ensure the joints are dry before grouting.

### Movement Joints:

These should be filled with the appropriate flexible sealant. Intermediate floor joints should be reinforced with brass or stainless steel. Use stainless steel where hygiene is essential.

## MIXING

Before use of Proofer Epoxy Grout shake of PART A and PART B. Add PART B to PART A in 6:4 ratio in a suitable clean container and thoroughly mix together. Immediately pour the mixed grout onto the working area. The mixed Proofer Epoxy Grout is usable for up to 35 minutes at  $27\pm 1$  C. Grouting at certain points stiffer consistency required to 'stop' open-ended joints or grout skirting tiles.

## APPLICATION

Check Potential Staining Risk:

1. Apply Proofer Epoxy Grout to a few tiles trial area. in a depth of 2mm to surface. Base surface fill with Proofer Tile Grout. Ensure that surface Area will be care for at least 12 hour after application.
2. Base Grout should be clean properly before apply Proofer Epoxy Grout.
3. Plug open-ended joints with the stiffer mix to prevent any slumping of the Proofer Epoxy Grout joints from occurring.
4. After curing clean off surplus Proofer Epoxy Grout with putty knifing and detergent water use a circular motion and keep the scabbler flat relative to the tile surface to achieve a flat joint worm water although not essential, will greatly ease the emulsification process. do not allow water to flow/run into un-grout joints diagonally to the grout lines.



5. clean off the emulsified epoxy/water residue with putty knife, taking care not to drag Proofer Epoxy Grout from the joints, clean

**NOTE :**

Care should be taken to avoid staining tiles when grouting. This is especially applicable when grouting unglazed floor tiles, quarry tiles, and tiles with a matt glaze or textured surface. Check the potential risk of staining by applying the grout to a few tiles in a small trial area. If working in food processing / preparation / storage areas, keep tiles / mosaics dry and Do Not bring floor into service until Proofer Epoxy Grout is hard / cured. Avoid contact between food and tiling for at least 7 days after grouting.

**TECHNICAL SPECIFICATION**

<b>PROPERTIES</b>	<b>RESULTS</b>
Epoxy Grout	@ 27 ± 1 C
Joint Width	2 - 20 mm
Pot Life	45 minutes
Setting Time	48 hours
Temperature Resistance	-30 C to 50 C 0 Intermittent up to 70 C
Water Absorption	Nil
Specific Gravity	1.75
Shore D Hardness	> 70
Tensile Adhesion (14 day air) Epoxy Grout	>4.5 (Dry Condition (kN))
Epoxy Grout	>3.6 (Wet Condition (kN))

**SPACERS**

Use Proofer Tiles Level Clips for uniform joint width.

**STORAGE AND SHELF LIFE**

Proofer Epoxy Grout has a shelf life of 12 months when stored in normal dry conditions.