

A thick dark grey vertical bar runs down the left side of the page. To its right, several thin, dark grey curved lines sweep upwards and to the right, creating an abstract, organic shape.

GLAZE PLUS

# TECHNICAL DATA SHEET

MIX & FIX

## MIX & FIX



### DESCRIPTION

Mix & Fix is a white synthetic polymer additive designed to enhance the performance of cement-based grouts like CEMENT POLYMER GROUT, SUPER GROUT, and WIDE JOINT GROUT. It improves adhesion strength, abrasion resistance, flexibility, and water resistance, making it an essential product for professional tile joint grouting and surface repairs.

### FIELDS OF APPLICATION

- Waterproofing terraces, bathrooms, and toilets.
- Repairing spalled plaster and concrete surfaces.
- Fixing tiles, natural stones, and marble bedding.
- Bonding new plaster/concrete to old surfaces.
- Treating pinholes on concrete.

### Method of Application:

- 1 Surface Preparation:**
  - Clean surfaces thoroughly, removing dust, grease, and loose particles.
  - Roughen surfaces if needed and dampen with water.
- 2 Mixing Instructions:**
  - Gradually add cement to Mix & Fix while stirring continuously.
  - Use an electric drill mixer for uniform consistency.
- 3 Application:**
  - Apply 2 coats of the slurry in perpendicular directions.
  - Allow 4-6 hours between coats.
  - Use as a bonding coat, repair mortar, or waterproofing layer.

## Direction for Use

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- **Surface Preparation:** Clean and roughen the surface to remove dirt, grease, and loose particles.
- **Mixing:** Add cement slowly to Mix & Fix, stirring continuously until smooth.
- **Application:** Apply the prepared slurry using a brush or trowel to the surface.
- **Curing:** Allow the first coat to dry for 4-6 hours before applying a second coat.
- **Clean-Up:** Clean tools with water immediately after use.

## TOOLS REQUIRED FOR APPLICATION

### PERFORMANCE PROPERTIES: (Typical Values)

Appearance / colour	Milky White Liquid, clear & Transparent	PH	8 – 9
Specific Gravity	1.00 ± 0.02 gm /ml	Coverage*	23 – 26 sq. ft. per kg in 2 coats for the mix ratio 1:1.5 ( MIX & FIX : Cement), DFT about 100 – 125 microns.
Solid Content % By Mass @ 120°C	25.0 ± 1 %	Shelf Life	18 months from the date of manufacturing in company pack

### Packaging Size

**MIX & FIX Grout** is available in 500gm, 1 kg, 5 kg, & 20 kg pack size

### Application Instruction – Pre-Treatment

Clean the surface thoroughly by removing dust, loose particles, oil, or grease using a wire brush or water jet. Vacuum the area and dampen the surface. Break away weak concrete near the repair area, roughen the surface mechanically, and ensure it is damp but touch-dry before application. Remove any corrosion deposits from exposed rebars for optimal results.

**MIXING TABLE** Prepare the slurry coat as per below Mixing table for different application

SR NO.	APPLICATION	RATIO	THICKNESS
1	Waterproofing coats	1 : 1.5 ( MIX & FIX Grout -1 kg : Water 1.5 kg )	2 coats by Brush application
2	Concrete surface priming coat	1:1:3( MIX & FIX Grout Water : Cement)	1 coats
3	Waterproof plaster/ Repair Mortar	Cement (50 KG) : Clean sand (150 KG) : Water ( 10 Ltr.) : MIX & FIX Grout (8-9 KG )	6-40 mm
4	Floor Screed / PCC	Cement ( 50 KG) : Clean sand ( 75 KG) 3-6 mm Coarse : Aggregates (75 KG) : Water( 6 Ltr.) : MIX & FIX Grout ( 8-9 KG)	10- 40 mm
5	Bond Coat	1 : 1 MIX & FIX Grout : Cement)	1 coat
6	Pinhole Treatment	Cement ( 50 KG) : Water ( 5 Ltr.): D+ Grout ( 5 KG )	-

## Waterproofing Coating

### 1. Prepare Slurry:

- Mix cement into Mix & Fix Grout slowly while stirring continuously.
- Use a high-speed drill (400–500 rpm) with a spiral paddle.

### 2. Apply Coats:

- Apply the first coat in one direction.
- After 4–6 hours (once dried), apply the second coat perpendicular to the first.

### 3. Protect Coating:

- Overlay with screed or plaster for durability.

## Bonding Coat:

- Prepare the slurry and apply Mix & Fix bonding coat. Add plaster or concrete when it becomes tacky.

## Repair Mortars & Priming

- Use the same slurry preparation.
- For rough concrete, apply a priming coat before the waterproofing layers.

## Tool Cleaning:

- Clean tools with water immediately after use. Hardened material requires mechanical removal.

## Key Tips:

- Avoid direct sun and strong wind during application.
- Always apply at least 2 coats; use 3 coats for severe water penetration.

## Health and Safety Precautions

When using Mix & Fix, it is important to wear protective clothing, including gloves, a dust mask, and goggles. In the event of skin or eye contact, rinse immediately with fresh water. If the product is accidentally swallowed, do not induce vomiting, but seek medical assistance immediately.

## Condition of Sale

Mix & Fix is sold subject to the Company's Conditions of Sale, which are available upon request

## TECHNICAL SUPPORT

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