

PG 101

TECHNICAL DATA SHEET



Polymer modified cement based grout for tiles joints/groove filling

Description

Fixup® PG 101 is a versatile and durable solution for filling joints and gaps. It improves the adhesion, flexibility, and resistance to cracking and shrinkage of the grout.

Where to Use

- Polymer modified cement grout is commonly used to fill the gaps between tiles or stones in flooring, walls, and other surfaces.
- Filling voids, cracks, and joints in concrete and masonry structures.
- Repairing damaged concrete and masonry surfaces.
- Grouting tile and stone installations, such as in pools, fountains, and showers.
- Filling gaps and voids in precast concrete panels and blocks.

Benefits & Features

- Provides high bond strength and excellent adhesion to a variety of substrates.
- Improves resistance to cracking, shrinkage, and water penetration.
- Offers superior durability and abrasion resistance compared to traditional cement grouts.
- Reduces permeability and enhances chemical resistance, making it suitable for harsh environments.
- Provides a smooth, uniform finish that is easy to clean and maintain.
- Increases the speed of installation and reduces downtime compared to traditional cement grouts.
- Can be customized with additives and pigments to meet specific performance and aesthetic requirements.

Technical Information

Property	Value/Range
Appearance	Powder
Mixed Density	1.60 ± 0.05 kg/ litre
Pot life @ 30°C	60 minutes
Joint Width	Up to 3 mm
Sag Resistant	Non-sag
Application Temperature	From +10° C to +35° C
Light Foot Traffic	24 hours
Packing	1 kg, 5 kg & 40 kg

How to Apply

- Ensure that the surface to be grouted is clean and free from dust, oil, and other contaminants.
- Mix the polymer modified cement grout according to the manufacturer's instructions, using a suitable mixing equipment.
- Apply the grout using a grouting pump or a trowel, ensuring that all voids are filled.
- Compact the grout to ensure full penetration and to eliminate air pockets.
- Allow the grout to cure for the recommended time, keeping it moist and protected from excessive heat and cold.
- After the grout has cured, clean the surface and remove any excess grout using a grout sponge or a damp cloth.
- Inspect the grouted area to ensure that it meets the required specifications and that there are no visible defects or voids.

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Precautions and limitations

- Do not use with contaminated or dirty water.
- Protect the grout from rain, extreme heat or cold, and wind during installation and curing.
- Avoid exposure to direct sunlight during curing to prevent cracking and discoloration.
- Do not overmix the grout as this may cause air entrapment and reduced performance.
- Not suitable for use in areas exposed to constant immersion or chemical attack.
- Not recommended for structural applications or heavy loads.
- Store in a dry and cool place.

Health & Safety

- Wear appropriate personal protective equipment (PPE) such as gloves, safety glasses, and a respirator if necessary.
- Avoid contact with skin, eyes, and clothing. If contact occurs, immediately flush the affected area with water and seek medical attention if necessary.
- Keep out of reach of children. Limited to professional use only.

Disclaimer

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.fixup.co.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.