

# EG 303/304(Sparkal)

## TECHNICAL DATA SHEET



### Three-part Epoxy grout for tiles & marble joints/groove filling

#### Description

Fixup® EG 303/304(SPARKAL) is a high-performance, high-strength grout designed for use in areas that require superior chemical and stain resistance. The grout is suitable for use on ceramic, porcelain, and natural stone tiles in both interior and exterior applications. It is a water-resistant product that provides a strong, durable bond between the tiles and the substrate.

#### Where to Use

- Walls and Floors (Interiors and Exteriors)
- Showers & Swimming Pools
- Heavily Trafficked Floors
- Hygienic Sterile Areas
- Kitchens and Cafeterias

#### Benefits & Features

- Resistant to acids, alkalis, and most chemicals
- Excellent stain resistance to most common household products
- 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.

#### Technical Information

Property	Value/Range
Appearance	Three-component system (Hardener, Resin & Filler powder)
Mixing Ratio	2:1:7 (Hardener : Resin : Filler powder) by volume
Mixed Density	1.70
Pot life @ 30°C	30 – 45 minutes
Compressive strength	>55 N/mm <sup>2</sup> @ 7days
Flexural strength	> 20 N/mm <sup>2</sup> @ 7days
Joint Width	Up to 15 mm
Application Temperature	From +5° C to +35° C
Light Foot Traffic	24 hours
Packing	1 kg & 5 kg

#### How to Apply

- The substrate should be clean, dry, and free from any contaminants such as dust, oil, or grease. Any loose or flaky material should be removed. The substrate should be flat and even to ensure a good bond.
- Mix the three components (Part A, Part B, and Part C) in the correct proportions as specified in the instructions. Mix using a slow-speed drill with a paddle attachment until the mixture is smooth and homogeneous.
- Apply the grout to the tile surface using a rubber float, making sure to fill all the joints completely. Remove any excess grout from the tile surface using a damp sponge, working diagonally across the joints. Allow the grout to cure for the recommended time before cleaning the surface with a clean, damp cloth.
- Any excess grout should be cleaned immediately with a damp sponge or cloth. Do not allow the grout to dry on the tile surface.

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### Precautions and limitations

- Do not overmix the grout as this may cause air entrapment and reduced performance.
- It is important to take precautions to prevent stains on quarry-textured, unglazed tile and stone surfaces. By using the grout on a few tiles or stones in a small test area, you can determine the likelihood of staining.
- Keep tiles and mosaics dry if you are working in a space where food is processed, prepared, or stored, and wait until the epoxy grout has dried before using the floor. For at least 7 days after grouting, keep food away from the tiles.
- Store in a dry and cool place.

### Health & Safety

- The product contains epoxy resin and should be handled with care.
- 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](http://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.