

FLOW FIX GP

TECHNICAL DATA SHEET



Free flow, high strength, non-shrink cementitious precision grout

Description

Fixup® FLOW FIX GP is free flow non-shrink cementitious grout which is one-component, ready-to-mix, and free-flowing. It is designed to be used in various applications where minimal shrinkage is required during the curing process. Fixup® FLOW FIX GP contains a unique shrinkage compensating mechanism to ensure that it maintains its volume once set. It is commonly used for grouting applications where high fluidity, strength, and durability are essential.

Area of application

- Structural Support and Repair
- Precast Concrete
- Machinery and Equipment Installation
- Grouting Under Base Plates
- Bridge Bearing Pads
- Anchoring Bolts and Dowels
- Repair of Cracks and Voids
- High-Flow Applications
- Underpinning and Foundation Stabilization
- Wind Turbine and Transmission Tower Bases

Features and Benefits

- Enhanced Structural Integrity
- Precise Placement
- Time and Labour Savings
- Long-Term Performance
- Minimized Maintenance
- Versatile Applications

Technical Data

Appearance	Grey Powdered Mixture
Wet Density	2200 ± 100 Kg/m ³
Consistency	Water / Powder Ratio
Pourable	0.16
Flow able	0.17
Free flow	0.18
Flow	190–220 mm
Tensile strength	>3.5N/mm ² @ 28 days
Compressive Strength	>65 N/mm ² @ 28 days
Flexural strength	>10 N/mm ² @ 28 days
Packing size	25 kg
Shelf Life	12 months from the date of manufacturing

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Instructions for Use

- Prepare the substrate by cleaning it thoroughly and removing any loose debris, dirt, dust, or contaminants. The surface should be clean, dry, and free of any oil or grease.
- Slowly add the grout powder to the water while stirring continuously to prevent lumps. Mix until you achieve a smooth, lump-free consistency. Avoid overmixing, which can introduce air bubbles and reduce the grout's strength.
- Pour the grout into the prepared area, ensuring it fills the gaps, voids, or spaces evenly.
- Use a trowel or other suitable tools to push the grout into the gaps and remove any air voids or pockets. Ensure proper compaction.
- If you are anchoring bolts or equipment, place them into the grout while it is still workable, ensuring they are properly positioned and supported.
- After filling the area with grout, smooth the surface with a trowel to achieve the desired finish. This may involve creating a slope or levelling the surface.
- During the curing period, protect the grout from excessive moisture or rapid drying, which can compromise its strength.
- Clean tools and equipment immediately after use, as grout can harden and become challenging to remove once cured.

Safety & Precautions

- Store in cool & dry place.
- Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water and seek medical advice if necessary. Keep out of reach of children.
- Ensure good ventilation when using the product.
- Use gloves and eye protection when handling the product.
- The application process may vary depending on specific project conditions, such as temperature, humidity, and concrete mix design. Always refer to the manufacturer's recommendations and conduct a small trial area to ensure the application technique provides the desired results.

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.