

FLOOR FIX

TECHNICAL DATA SHEET



High performance non-metallic surface hardener

Description

Fixup® FLOOR FIX is a premium quality, non-metallic, dry shake floor hardener designed to enhance the durability, abrasion resistance, and overall performance of concrete floors. It is formulated with carefully selected aggregates, cementitious binders, and additives to provide excellent surface hardness and wear resistance.

Area of application

- Warehouses & Factories
- Shopping malls & Public areas
- Restaurants
- Museums
- Parking lots
- Garages and Service stations

Features and Benefits

- Improves abrasion resistance of concrete floors
- Enhances surface hardness
- Provides a dust-free and durable floor surface
- Non-metallic formulation eliminates the risk of rust stains
- Suitable for industrial, commercial, and residential applications

Technical Data

Appearance	Grey Powdered Mixture
Adjustability	15 ± 5 minutes
Bulk Density	1500 ± 100 Kg/m ³
Surface hardness	Between 8 and 9 (Moh's scale)
Compressive Strength	≥ 70 N/mm ²
Time to Traffic	~72 Hours
Application Light duty Medium duty Heavy duty	Consumption 3.5–4.0 kg/m ² 4.5–5.0 kg/m ² 5.5–6.0 kg/m ²
Shelf Life	12 months from the date of manufacturing

Instructions for Use

- Ensure that the concrete substrate is clean, sound, and free from any contaminants such as dust, dirt, oils, curing compounds, or loose particles.
- Non-Metallic Floor Hardener is applied as a dry shake over the freshly poured concrete surface.
- Calculate the required amount of floor hardener based on the recommended application
- Begin applying the Non-Metallic Floor Hardener as soon as the concrete has been placed and while the surface is still workable. Sprinkle the first portion of the floor hardener evenly over the surface. It's important to achieve a uniform distribution to ensure consistent results.
- Distribute the material using a mechanical spreader or by hand. Make sure to cover the entire surface without leaving any areas untreated.

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- For larger areas, work in sections to prevent the concrete from setting before the floor hardener is applied.
- After applying the floor hardener, wait until bleed water has evaporated from the surface.
- Use a power float or hand trowel to work the floor hardener into the surface of the concrete. This embeds the hardener particles and ensures proper bonding.
- Continue floating and trowelling until the desired surface texture is achieved. Avoid overworking the surface, as this can lead to segregation of the floor hardener.
- For an enhanced finish, consider using a steel trowel or power trowel to achieve a smoother surface.

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.