

DR. FIXIT FEVIMATE XL

Tile Adhesive for large tiles and low porous tiles

Description

Dr. Fixit Fevimate XL is tile adhesive for large tiles and low porous tiles. It is used for fixing of tiles internally & externally over walls & floors with excellent bond on cementitious surfaces.

Dr. Fixit Fevimate XL is composed of ordinary Portland cement properly selected & graded aggregates, polymer, rheology modifier & additives.

Area of Application

- Suitable for large tiles and low porous tiles such as Ceramic tile, Porcelains, Granite, Marbles and Glass Mosaics.
- Suitable area where contact to water such as bathroom, kitchen room, pond, swimming pool.

Rate of Uses

* Theoretical consumption without allowance for loss.

- (20 kg.) with Clean Water 4.6 liter (23%)
- 3-7 Sqm /bag (depending on tile sizes weights, and substrates)

Method of Application

1. Surface preparation

- All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds, any other loose contaminating materials.
- New concrete must be allowed to cure for at least 28 days and have a wood float finish.
- Newly rendered/screened surfaces must be allowed to cure for at least 7 days and have wood float finish.
- Street trowel finished concrete must be acid arched or mechanically abraded prior to tiling

2. Mixing

- Mixing ratio of **Dr. Fixit Fevimate XL** 1 bag (20kg.) : Water 4.6 Liters.
- Slowly add **Dr. Fixit Fevimate XL** to a bucket of water for mixing.
- Use a trowel or mechanical mixer (speed at 150-500 RPM) for mixing until a thick creamy consistency is achieved.
- Allow the mixture to stand for 5-10 minutes for chemical slaking and reducing air bubble.
- Remix then use the adhesive and do not add additional water or powder after tile adhesive was set.

3. Applications

- Spread mortar with flat side of trowel to key-in substrate; then apply additional mortar to a depth sufficient to be notched with suitable trowel that will leave only enough mortar to give 100% contact with back of tile and a subsequent mortar bed of 3mm to 5mm.
- With high lug tiles, "back buttering" may be required to ensure 100% coverage to back of tiles.
- During the setting of tile, it is advisable to occasionally remove a tile to be sure mortar has not skinned over and sufficient transfer is being made. It is also required that tiles be embedded to obtain good transfer of mortar to tile and for proper alignment.
- Do not adjust tiles in mortar after they have been set past 10-15 minutes

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4. Cleaning

- Clean the tools & equipment with potable water immediately after use.

Precautions & Limitation.

- Always add powder to liquid and not liquid to powder.
- Clean the tools & equipment with potable water immediately after use. While working in temperature more than 35 OC (95 ° F) always dampen the substrate & finish faster.
- Tiling should not be done when surface temperature is below 4 ° C.
- **Dr.Fixit Fevimate XL** should not be used on painted, metal surfaces, ply & gypsum boards.

Technical Information

Properties	Standard / Test Method	Test Result
1.Color	-	Grey
2.Pot life @ 25 OC, minutes	-	35 - 45
3.Open time, minutes	-	10 - 15
4.Adjustability time, minutes	-	5
5.Trafficable time, Hrs.	-	24
6.Compressive strength,	ASTM C109/109M-01	
- 7 days, Mpa		27.12
- 28 days, Mpa		31.84
7.Flexural strength,	ASTM C580-98	
- 7 days, Mpa		6.69
- 28 days, Mpa		7.07
8.Tensile adhesion strength,	ASTM 190-85	
- 7 days, Mpa		2.59
- 28 days, Mpa		2.82
9.Adhesive strength, (concrete to concrete)	JIS K6850-1972	
- 7 days, Mpa		0.3
- 28 days, Mpa		0.4
10.Bond strength by slant shear	ASTM C882-99	
- 7 days, Mpa		6.68
- 28 days, Mpa		8.05
11.Shear adhesion, kN	-	8 - 10
12.Water demand , ltr / 20 kg bag	-	4.6

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Storage

- 12 months from the date of manufacturing in unopened condition.
- Store in a cool & dry place.

Packaging

- 20 kg /bag

Health & Safety Precautions

- As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn.
- Treat any contact to the skin or eyes with fresh water immediately. Do not induce vomiting & seek medical assistance immediately.
- Ensure the pack is available for the medical attendant to examine any relevant instructions and content details.
- Reseal all containers after use and ensure product is stored as instructed.

Disclaimer

The product information and the recommendations relating to the application and end-use of Dr.Fixit products, are based on Dr.Fixit's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Dr.Fixit's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Dr.Fixit reserves the right to change the properties of its products without notice, so the company does not assume liability of any legal from this product information.



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