

# Dr. Fixit Fevimate TL



## HEAVY DUTY TILE FIXING ADHESIVE FOR VERTICAL CLADDING

### Description

**Dr. Fixit Fevimate TL** is composed of ordinary portland cement properly selected & graded aggregates, polymer, rheology modifier & additives. It is used for fixing of ceramic tiles, glaze tiles, natural stones, etc internally & externally over walls & floors with an added application of tile on tile because it gives excellent bond on cementitious surfaces like, concrete, plaster, etc. It forms a waterproof barrier between two surfaces and has excellent 'grab' properties of tiles to the substrate. It is specially designed for heavy-duty tile applications like granite, mosaic on internal/external vertical surfaces. Highly flexible adhesive also has an excellent waterproofing ability.

### Standard Compliance / Specification

Meets the requirements of IS 15477; ISO 13007 & BS : 5980 standards

### Areas of Application

For heavy duty vertical cladding like,

- Natural stones.
- Large format tiles on internal/external applications.
- Swimming pool tile fixing.

### Features & Benefits

- **Ease of application** - Ready to use, needs only mixing with water & easily applicable by trowel
- **Adhesion** - Excellent adhesion, hence prevent the falling of tiles
- **Shrinkage** - low shrinkage prevents cracking of tiles & joints
- **Waterproofing** - Excellent waterproofing characteristics prevents percolation of water through the substrate
- **Suitability** - Suitable for indoor and outdoor heavy duty application
- **Flexibility** - Sufficiently flexible to accommodate Thermal & physical movements
- **Curing** - Needs no curing and soaking of substrate or tile thus saves time & labour
- **Self adhesive** - Needs no hacking on the surface
- **Toxicity** - Non toxic

### Method of Application

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#### 1 SURFACE PREPARATION

- The surface should be sound, clean, and free from dirt, oil or grease before Dr. Fixit Fevimate TL is applied.
- Substrate should be in saturated surface dry (SSD) condition before application of adhesive.
- substrates should be in plumb before application of adhesive

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#### 2 MIXING

- Charge 6-6.5 liters of water into a clean vessel. Use forced action mixer attached with paddle stirrer, start mixer.
- Gradually start addition of 25 kg of dr. Fixit Fevimate TL adhesive powder.
- Mix at low rpm [100 - 150] to a uniform lump-free consistency paste for 3- 5 minutes.
- Allow for approximately 5 minutes to fatten it.
- Hand mixing is recommended for small quantities only.
- Mix as much quantity as can be consumed in 60 min.

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### 3 APPLICATION

- Apply Dr. Fixit Fevimate TL adhesive paste on substrate with plain side of notch trowel. Press paste firmly to work into substrate.
- Comb with notch trowel with notched side, 3 - 6mm [Notch trowel to be selected as per required bed thickness].
- Spread as much adhesive paste as can be tiled within 10 - 15 minutes.
- Start placing/fixing of tiles & tap using beating block or rubber mallet.
- For large format tiles & stone provide back butter for 100 % coverage & firm bonding.
- Periodically remove a tile to check transfer of material on tile. Also check spread of adhesive, if not proper and if becomes non-sticky then scrap it & apply paste again.
- Use mechanical clamps for holding the heavy stones in positions on vertical surface.

### 4 GROUTING

- Grouting should preferably be carried out at least 24 hours after the completion of tiling
- For grout joints upto 3mm wide use Dr. Fixit Fevimate TG
- For grout joints above 3mm wide use RTM Wide.
- After grouting clean and polish tiles with a damp sponge or cloth

### 5 CLEANING

- Clean tools & equipments with potable water immediately after use.

### Precautions & Limitations

- Always add powder to liquid and not liquid to powder.
- While working in temperature more than 35°C ,always dampen the substrate & finish faster.
- Tiling should not be done when surface temperature is below 4°C.
- Heavy tiles must be supported by mechanical clamps while fixing on the vertical surface
- Do not add more water than recommended
- Do not add sand or cement at site
- Before doing tile-on-tile application, ensure that the original tiling surface in sound condition.
- Strictly not recommended for the direct use on gypsum plaster, paint, wood & metal

### Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free Flowing Powder
Colour		Grey
Mix ratio Product: water parts by volume		3 : 1
Pot Life @ 30°C, hrs	IS ; 15477	2
Open time @ 30°C, minutes	IS ; 15477	10 - 15
Adjustability @ 30°C, minutes	IS ; 15477	10- 15
Trafficable time @ 30°C, hrs		24
Curing time @ 30°C, days		14
Shear adhesion strength, kN	IS ; 15477	14- 15
Tensile adhesion strength, N	IS ; 15477	2100
Water absorption, %	ASTM C : 870 :90 Bs:4131:1997	4- 5

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### Coverage

60 - 70 sq ft/25 Kg bag at 3 mm thickness

30 - 35 sq ft/25 Kg bag at 6mm thickness

### Packaging

25 & 50 kg

### Shelf Life & Storage

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

### Health & Safety Precautions

- 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.
- Reseal pack after use and ensure product is stored as instructed.

### Other Product Categories Available

DR. FIXIT has wide range of Waterproofing & Construction chemicals which includes,

- Waterproofing Products
- Repair Products
- Sealants
- Flooring Products
- Exterior Coating Products
- Tile Fixing Range
- Concrete Admixtures
- Grouts



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