

# Dr. Fixit Marble Tile Adhesive (GTA)



## CEMENTITIOUS POLYMER MODIFIED & WATERPROOFING TILE ADHESIVE

### Description

Dr. Fixit Marble Tile Adhesive is a white colour non-shrink, self curing polymer modified cementitious tile adhesive specially designed for heavy duty tile applications like marble fixing and glass tiles on internal/external vertical surfaces. This tile adhesive has excellent waterproofing property.

### Standard Compliance/ Specification

Confirms to IS:15477-2004 (Type - II)

### Areas of Application

Fixing of all Tiles, Stone, Glass tiles, Glass mosaics on Internal/ External wall or floor, Swimming pools, Bathrooms, Commercial Spaces, Residential Spaces and Exterior Spaces.

### Features & Benefits

- White base ensures that the original colour of the marble and glass tiles stands out
- Ready to use, needs only mixing with water
- Excellent adhesion, low shrinkage
- Excellent waterproofing characteristics
- Sufficiently flexible to accommodate thermal & physical movements.
- Suitable for indoor and outdoor applications
- Needs no curing and soaking of tile
- Needs no hacking or mechanical key on the surface
- Slip resistant.

### Packaging

25 Kg Bag

### Method of Application

- The surface to be tiled should be sound and thoroughly cleaned. Old surface should be free from wax, grease, polish etc.
- Pour one 25 kg bag in approx. 6.25 - 6.75 Litres of clean water. At site, addition of water shall be adjusted to attain desired consistency. Do not put water into the powder. Mix with a trowel / slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within the prescribed pot life adopting the mixing proportion mentioned above.
- Leave mixture for 5 min. before using.
- Spread the adhesive to a required thickness and comb with suitable notched trowel. Strictly apply the adhesive paste which can be tiled with in 10 to 15 mins.
- Intermittently touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers then continue tiling and if not scrape off the adhesive and apply new coat.
- Start placing the tiles on the surface to be tiled. Tap the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids.
- Keep joints between two-tiles using tile spacers.
- For Glass Mosaic Tiles, the backing paper of glass mosaic tiles must be removed after 24 hrs.
- Allow tiling to set for 24 hours and start filling joints next day with Dr. Fixit Tile Grout
- Dr. Fixit Marble Tile Adhesive also can be applied at 2 mm thickness for fixing of Glass mosaics in toilets and swimming pool area.



**Technical Information** (Typical properties at 27 ± 2°C)

PROPERTIES	RESULTS
Base	Polymer modified cementitious material
Appearance	White Powder
Mix Ratio ( Powder : Water)	3.85 : 1 (parts by weight)
Coverage	<b>Marble</b> - 3 - 3.5 sqm / 25 Kg bag at 6 mm thickness <b>Glass Tile</b> - 6.5 - 7.0 sqm / 25 Kg bag at 3 mm thickness <b>Glass Mosaics</b> - 10 - 10.5 sqm / 25 Kg bag at 2 mm thickness
Open time	20 - 25 minutes
Curing time	14 days
Tensile Adhesion Strength (air curing 14 days)	≥ 0.85 N/mm <sup>2</sup>
Set to foot traffic	24 hrs (min.)
Shear Adhesion Strength (kN)	IS 15477 : 2004 for Type 2 a) At 24 hrs. in normal drying condition - ≥ 4 kN b) At 14 days in normal drying condition - ≥ 10 kN c) At 14 days heat ageing condition - ≥ 5 kN d) At 14 days wet condition - ≥ 5 kN
Adjustability	10 - 15 mins
Pot life	60 - 90 min.
Sag test (BS EN 12004-2)	No sag
VOC (gms/Litre)	< 1 g/L
Temperature Resistance	4°C to 45°C

**Precautions & Limitations**

- Heavy tiles must be supported by mechanical clamps.
- Do not use directly on Hydrated Limes/Wood/Paint surfaces. Consult Technical Dept., CC Division of Pidilite Industries Ltd.

**Shelf Life**

12 months pack sealed and stored in damproof conditions.

**Storage**

Store in cool and dry place.



### Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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