



WATERPROOF TILE FIXER

We provide strength and durability along with water proofing. In our company we adopt the tradition of innovation. ICO Ltd. has built its reputation and business by bringing to the customer a wide range of high quality products for a wide range of applications for domestic & international market. We are solving problems of construction industry by our cutting edge technology. Our back bone is continuous efforts towards various research and development (R&D) by our state of art inhouse laboratory. We are equipped with advanced and modern machineries and plants. Also we are using world class information technology (IT) and communication infrastructure. We have trained & experienced team of technical personnels.

WTF-99 is an unique and highly concentrated water proof polymer based strong tile fixer used with white/grey cement for interior & exterior tiling works. It improves compressive and flexural strengths with dimentional stability and also create tile joints that are impermeable to water and resistant to flaking and cracking.

General Tiles Fixing Side...

- Floors • Walls • Bathrooms • Terraces
- Kitchens • Water tanks • Safety tanks
- Swimming pools • Bridges • Dams
- Cannals etc.

Uses

For fixing tiles like ceramic, mosaic, marble, granite, natural Dholpuri stone (For exterior walls) etc.

POLYMER TECHNOLOGY
DEVELOPS STRONG BONDS WITH FLOORING

Available Packings...

- 100 g, 500 g, 1 kg., 5 kg.,
- 10 kg., 20 kg.



MULTIPLE ADVANTAGES

- Easy fixing of tiles vertically or horizontally.
- Very strong bond formation with concrete.
- Easy laying with flexibility.
- Even on vertical surface fixing of tile easy & effective.
- Self curring.
- No Shrinkages.
- No hacking required
- Develop good workable strength within 24 hours.
- Safe, eco-friendly hygienic.
- Anti-fungal & antibacterial.
- Non-sagging
- Forms impermeable joints.
- UV Stable
- Suitable for indoor as well as outdoor applications.
- Soaking of tiles and backing of surface not required
- Highly wear abrasion resistant
- Non-metalic does not rust
- Improves mechanical properties of finished floors
- Non-combustible
- Added safety, being not electrostatically chargeable.

Highly Concentrated

Coverage Chart

Size of the Tile cm x cm	Thickness in mm	For 2mm Joint width consumption kg/m ²
4 x 4	5.5	0.40
8 x 6	5.5	0.30
8 x 8	7.0	0.30
12 x 8	10	0.35
12 x 12	10	0.30
13 x 11	10	0.30
16 x 16	12	0.25
18 x 18	12	0.25
24 x 24	15	0.22

Technical View

- (1) Base : Modified polymers
- (2) pH : 8 to 9
- (3) Appearance : Bluish Paste
- (4) Mixing : Easy mix with water
- (5) Mix Ratio : 1 : 100 : 40
(1gm WTF : 100 gms Cement : 40 ml water)
- (6) Open Time : 40 minutes @ 30° C after mixing with cement.
- (7) Curring Time : Self curring 8 days @ 30° C
- (8) Coverage : 3-4 Kg/m² for 3mm thickness.
- (9) Non-Trafficable Time : 24 Hrs. maximum
- (10) Tension Adhesion Strength : After 14 days
(Cement : 48.2 N/mm² / Cement+WTF : 54.8 N/mm²)

How to Use

- See the surface to be tiled must be sound.
- Thoroughly clean old surface for oil, wax, dust, fungus, grass roots, rust and loose material.
- For fixing tiles on tile the old tiled surface must be properly scratched by hard wire brush, by mechanical tools or acid.
- For 50kg of gray/white cement mix 1/2 kg. of WTF-99 with 20 litres of clean water to prepare homogeneous paste.
- Spread the cement paste as usual keeping approximate 4 to 5 mm. thickness by ensuring proper coverage on the back side of tiles and eliminate possibility of any air voides.
- Readjustment of tiles is possible up to 40 minutes.
- For heavy tiles on vertical surface use mechanical clamps.

Area of Application

For Domestic Flooring : Floors, walls, stairs, bathrooms, roof, terraces, kitchen, water tank, shower recesses, laundries, also suitable for glazed surfaces, vertical cladding and terrazzo tiles.

For Industrial Flooring : Laboratories, basement, exhibition halls, hotels, shopping malls, shops, schools, ware houses, swimming pools, bridges, dams, canals, harbors, tunnels, pavements, car parking space, dado areas, footpath, subways etc.

Area of Application...



Precaution & Limitations : Avoid contact with skin & eyes. In case of contact with eyes or skin wash with immediately. Never add direct to the dry cement. Store in a cool, dry place in its original packing.
Disclaimer : The product information & application details has been given in good faith and as a general guideline. The company does not assume any liability for unsatisfactory results and damage.