



Ready to use extra quick setting/plugging compound. Emergency crack sealing in concrete & masonry surfaces. Can stop the leaking dripping water, until the final repairs are carried out. Hardens instantly under continuous wet conditions. Single component. Low heat evolution minimizes cracking.

### How to use

Cut the location / hole to a V-groove shape. Mix ICS-99, Water & cement thoroughly in 1:1:2 ratio by weight at the time of application. Within 10 seconds instantly push the semipaste material inside the prepared groove and keep pressure of trowel / palm on it for about 5 minutes.

### Area of Application

Basements, Pits, Dams, Cellars, Tunnels (dusts), Concrete pipe, water retaining structures, RCC water tank. Suitable for old surface, new surface, repairs and normal applications in concrete & masonry works.

**COMPRESSIVE STRENGTH** 1 hour - 70 Kg. Per  $\text{Cm}^2$ , 3 hour - 80 Kg. Per  $\text{Cm}^2$



### PRECAUTIONS & LIMITATIONS

ICS 99 will plug leakages only on cementitious substrates. Only used for plugging leakage instantly, till permanent repairs are carried out. Permanent

**SETTING TIME** : 2 minute

**PACKING** : 100 gm, 1kg, 5 kg, 20 kg

**SELF LIFE** : Six months from the date of manufacturing.

**CHLORIDE FREE**

### Coverage Chart

Size of the Tile cm x cm	Thickness in mm	For 2mm Joint width consumption $\text{kg/m}^2$
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 @  $30^\circ\text{C}$  after mixing with cement.
- (7) Curing Time : Self curing 8 days @  $30^\circ\text{C}$
- (8) Coverage : 3-4  $\text{Kg/m}^2$  for 3mm thickness.
- (9) Non-Trafficable Time : 24 Hrs. maximum
- (10) Tension Adhesion Strength : After 14 days  
(Cement : 48.2  $\text{N/mm}^2$  / Cement + WTF : 54.8  $\text{N/mm}^2$ )

### 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 50 Kg 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 voids.
- Readjustment of tiles is possible upto 40 minutes.
- For heavy tiles on vertical surface use mechanical clamps.

### General Tiles Fixing Site...

• Floors • Walls • Bathrooms • Terraces • Kitchens  
• Water tanks • Safety tanks • Swimming pools  
• Bridges • Dams • Canals etc. For fixing tiles like ceramic, mosaic, marble, granite, natural Dholpuri Stones (For external walls)

### Available Packing :

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