

Dr. Fixit Krystalline

CEMENTITIOUS CRYSTALLINE
WATERPROOF COATING FOR CONCRETE



Bridges



Tunnels
&
subways



Water
treatment
works



Water tanks

Benefits

- Stops water movement by developing crystals in concrete capillaries
- Does not require protective plaster, applicable over SSD & wet surface
- Can be applied from positive & negative side of the concrete
- Easy to apply, only to be mixed with water at site



Dr. Fixit Krystalline

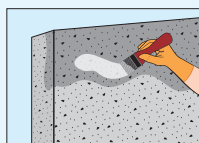
CEMENTITIOUS CRYSTALLINE
WATERPROOF COATING FOR CONCRETE



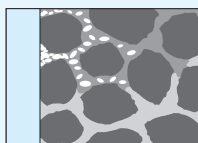
Description

Dr. Fixit Krystalline is composed of high quality cement, properly selected & graded inert aggregates, proprietary waterproofing active chemicals & additives. It is used as a chemically active waterproofing treatment for concrete.

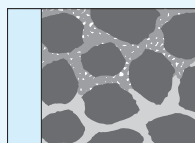
Dr. Fixit Krystalline when mixed with water and applied as a brush coat to concrete, it penetrates deeply into the capillaries of the concrete & protects it against the permeability of water. Not recommended for leaking cracks in concrete.



Application of
Dr. Fixit Krystalline
coating



It penetrates deeply
inside concrete mass
and starts blocking
capillary channel



Crystallization process
starts which forms
insoluble crystals
hence blocks capillary
channels permanently

Areas of Application

Water Retaining Structures

- Water tanks & reservoirs
- Water treatment works
- Concrete pipes
- Swimming pools
- Dams & canals
- Harbours

Water Excluding Structures

- Foundation & Basements
- Inspection pits & lifts shafts
- Bridge decks
- Tunnels & subways
- Construction joints
- Parking structures

Method of Application

1 SURFACE PREPARATION FOR OLD AND EXISTING SUBSTRATES

- Remove dirt, laitance, loose particles, paints, etc., by means of mechanical grinding, sand blasting, pressure water cleaning
- Remove all protrusions, chisel out honeycombed & damaged areas, repair the cracks and work back to sound concrete
- Ensure that the surface should be sound, thoroughly prepared and vacuum cleaned to allow mix to penetrate effectively
- Thoroughly rinse the surface with water several times to reach a "saturated surface dry" (SSD) condition

2 MIXING

- Mix Dr. Fixit Krystalline powder to water in ratio 5 parts powder : 2 parts water for waterproofing purpose and 5 parts powder : 1 part water as a putty for repair purpose
- Always mix powder to water & stir it well to obtain a lump free mixture. Only mix quantities to be used within 30 minutes. Mix Dr. Fixit Krystalline mechanically with clean water to a thick consistency. Separate containers of same volume should be used to measure powder & water

3 APPLICATION ON EXISTING OR OLD SUBSTRATES WITH DAMPNES

- Ensure thorough surface preparation to expose the pores in concrete which will allow the penetration of the mix
- All crevices and holes in concrete shall be filled with Dr. Fixit Krystalline powder mixed with water in a ratio of 5 parts powder : 1 part water. Over a concrete substrate in a SSD condition, apply Dr. Fixit Krystalline mixed in a ratio 5 parts powder : 2 parts clean water, with a clean brush. Use an aggressive circular motion of the brush or wooden float with Dr. Fixit Krystalline slurry. Apply a second coat after 3 to 6 hours
- Dr. Fixit Krystalline treated surface shall be left to cure for 2-3 days, as mentioned above and protect from direct sunlight for this initial period. For full cure, give 28 days along with concrete

COVERAGE	1.4 - 1.6 sq. m/ Kg in single coat		
PACKAGING	1 kg	5 kg	25 kg
SHELF LIFE & STORAGE	12 months from date of manufacturing, store in unopened condition in cool and dry place.		

For more information, please refer Technical Data Sheet

CALL DR. FIXIT ADVICE CENTRE TOLL FREE NO. FOR EXPERT ADVICE 1800 209 5504



Pidilite Industries Ltd.

Ramakrishna Mandir Road, P. B. No. 17411,
Andheri (E), Mumbai 400 059.
T (022) 2835 7000 F (022) 2835 7008
www.doctor-fixit.com drfixitadvice@pilmail.com

CONTACT US: AHMEDABAD (079) 27552043/ 1483 BENGALURU (080) 30563000/3001
CHENNAI (044) 28350338/ 1614 DELHI (011) 45529000 HYDERABAD (040) 23351250/ 1308
KOCHI (0484) 2543978, 3045000 KOLKATA (033) 22888844 MUMBAI (022) 2835 7000
OVERSEAS CONTACTS: DUBAI +9714 3471678 SINGAPORE +65 67638681 THAILAND +66 27228535

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