



O.A.M
TRADING

FIIXO WP Concrete Booster is being mineral base Silica (SiO_2 98% +) powder that enhance the concrete strength with multilevel properties Like Self compacting, Strength Gainer, Heat Dissipation due to Silica, Smooth Surface Finish for National and International Standards of concreting works and Ready Mix Concretes work.

Reference Standard

IS 516:2018 (Part2/Sec1), IS 4031:1988 Part 8, IS 4926:2003

Area of Application

- High grade concretes
- RMC plant
- Precast work
- All type concrete work.

Benefits

- Reduces cracks and improving cohesionan
- Reducing maintenance costs
- High compressive strength
- Ultimate Time saving product
- Silica sand is purity and durability
- Reduce water leakage
- Reduce Temperature - by carbon at temperatures $1,600^{\circ}\text{C}$ – $2,000^{\circ}\text{C}$, to yield the volatile silicon monoxide.
- Easy to mix application

Directions for use



The surface should be free from oil, grease, paint, loose plaster or dirt particles.



Water / Powder ratio : 16% to 18% Mixing for 3 minutes till it's free of lumps.



Leave the mix to react of 5-10 minutes before use.



The mixture should be thrown while the cement slurry is wet, ensure leveling with the help of tools.



Use between 5°C to 50°C .



Water curing for 7 days



Prevent direct contact with skin and eyes. In case of contact, wash with clean water immediately.

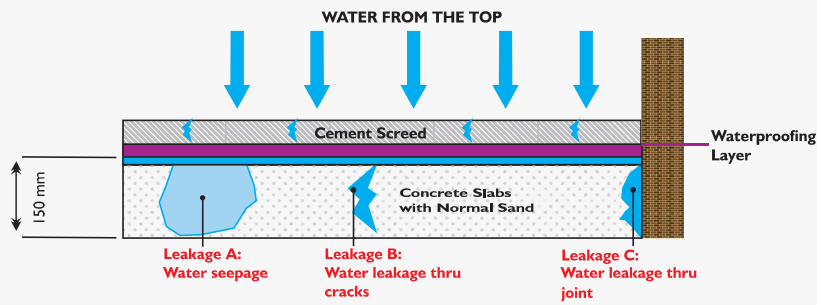
Shelf Life

It has a shelf life of 12 months from the date of manufacture. Store at cool and dry place.

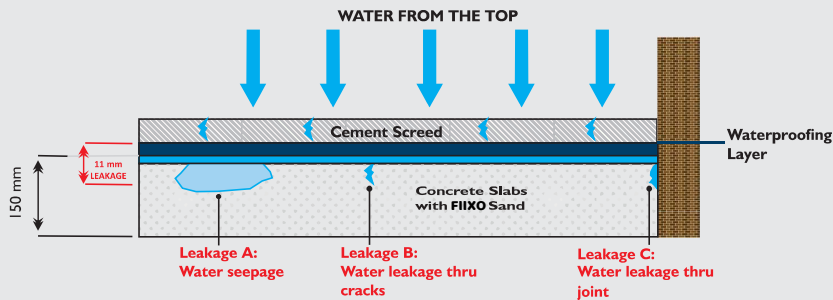
Packing Size

40 Kg Bag Size





OTHER WATERPROOFING



WATERPROOFING

Technical Information

Attributes	TEST RESULT REGULAR CONCRETE (BEFORE)	TEST RESULT (SiO ₂ 98%) Add 20% in CONCRETE (AFTER)
Compressive Strength	Full Strength in 28 days	Full Strength in 7 days
Flexural Strength	4.40 Mpa	6.60 Mpa
Split Tensile Strength	2.21 Mpa	4.70 Mpa
Abrasion Resistance	33000 Cu mm	23993 Cu mm
Rapid Chloride Test (RCPT)-ASTM	Between 1000 & 2000 coulombs (Moderate)	Below 600 coulombs (Very Low)
Water Permeability - DIN 1048	35 mm	10 mm
dynamic modulus of elasticity (Ed) in Gpa	26.00 Gpa	34.00 Gpa
Shrinkage Cracks	High	Very Low
Workability	Normal	Free Flow
Porosity	High	Minimum
Surface Finish	Rough	Smooth

Coverage Table for standard surface

Size of Bag	Thickness of Plaster	Area Coverage
40 kg	4mm	110 to 120 Sq. Feet
40 kg	6mm	75 to 70 Sq. Feet
40 kg	10mm	44 to 48 Sq. Feet
40 kg	15mm	30 to 32 Sq. Feet

(using 6 mm x 6 mm notch)

Limitations

- Do not apply this directly to gypsum plaster or boards, fibre cement boards or other drywall partitions, plywood, chipboard, particleboard, decorative laminates or resilient flooring, metal, plastic, deformable surfaces or subject to vibrations.
- Do not use for fixing artificial/ Nano/ engineered stone/ composites/ metal tile





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