



Engineer Plus WPC-99

Description

Engineer Plus WPC-99 is a boon for modern living. It is an amazing, powerful chemical to stop water leakage & dampness from cement concrete structure like terraces, water tanks, kitchens, bathrooms, sidewalls, swimming pools, safety tanks, bridges, dams, cannels etc. It is easy to handle eco-friendly, water thinnable, stable on dilution, economical, ready to use anywhere anytime.

Areas of Application

Bridges, decks, parking areas in highways, Reinforcement steel to prevent corrosion. Stepping terraces and flats roofs. Repairs of worn, damaged & spoiled concrete. For injection, pressure & precision grouting. Kitchen, bathrooms, Side Wall, Swimming pools, Safety Tanks etc.

Features & Benefits

- Fast drying, excellent adhesion to most building materials & need to cure.
- Increase in bonding of new wet concrete to old concrete.
- Increase in durability & toughness of concrete.
- Increase flexural and bond strength of concrete .
- Forms a very tough bond with substrate having good permeability rating .
- Excellent elastomeric and crack bridging capability.
- Good weathering characteristics .
- Very low water absorption, withstanding hydrostatic pressure .
- Not susceptible to alkali degradation. Resistance to high alkali, sulfates and salts.
- Good colour retention and low dirt pick up. Breathable coating, allows vapor transmission.
- Repairs asbestos roofs, gutters, drain pipes and tile joints.

Method of Application

Surface for treatments must be thoroughly cleaned of all laitance, loose materials, oils, greases etc. Mix Engineer Plus WAC-99 water and cement thoroughly in 1:1:3 proportion in weight. Pre wet the surface before application. Apply 1st coat, allow it dry for 30 minutes. Apply second coat and allow it to dry. If required overlay concrete screed/mortar when 2nd coat is tacky. Cure the screed/mortar for minimum 3 days

- **At the time of Construction**
When used as an admixture with cement concrete mortar it works as a hardner, wetting and finishing agent. For fast setting it is recommended in cement concrete mixture @ 100gms. To 500gms. Per bags of cement (50kgs.) when used with cement curing is must as per norms.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Physical form		Free flow liquid (Pinkish)
Solids		50%+_ 2%
pH		8-9
Solubility in water		Readily soluble
Odour		Characteristic
Specific Gravity		1.1
Surface Drying		5 minutes
Dried film		Transparent
Solubility after drying		Fully stable, not soluble in water

PACKING



5LTR

10LTR

20LTR

Head Office

61, Jawahar Marg, Near Sanjay Setu, Indore, MP 452007

Ph. 9329577550 Email : engineerplusindia@gmail.com

Web : www.engineerplus.in / www.icoindia.co.in