



PROTECTION



HIGH STRENGTH



STRONG ADHESION



DURABLE



100% Silane



Eco Friendly



Long Life

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, sidewalks, swimming pools, safety tanks, bridges, dams, canals 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 littance, loose materials, oils, greases etc. Mix Engineer Plus WPC-99 in water thoroughly in 1:1 proportion in weight. Apply 1st coat, allow it dry for 60 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.

Coverage

- 2 Coats 100 sq. ft./kg

Technical Data Sheet

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

