



PROTECTION



HIGH STRENGTH



STRONG ADHESION



DURABLE



100% Silane



Eco Friendly



Long Life

Description

Engineer Plus WAC-99 is a highly Concentrated multipurpose Latex Emulsion based liquid modifier useful as an additive for concrete mortars in repair/Water proofing application as well as protective coating to cementitious substances.

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.

Feature & Benefits

- Produces high compressive flexural and tensile strength for durable repairs.
- White brushable liquid.
- Useful as bonding agent for old and new concrete.
- Useful as an additive to water proofing mortars/concrete.
- Excellent as a protective coat cementitious substances.
- Antimicrobial prevent fungal & bacterial growth economical in application.
- Excellent barrier to carbon dioxide, chloride, sulphate & nitrate ions, for carbonation resistance coating for
- protection of concrete subject to adverse climatic condition.
- Highly elastomeric and crack bridging characteristics.
- Prevent corrosion
- Very low water absorption.

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 hardener, 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.

Coverage

- 4 Coats 25 sq. ft./kg

Technical Data Sheet

PROPERTIES	RESULTS
Appearance	Milky White
Base	modified polymer
State	liquid Emulsion
pH	8 to 9
Solid Content	50 ± 2%
Coverage	60-70 sq. ft./kg. (Depends on surface)
Specific Gravity	1.1
Pot. Life @ 30°C	30 min
Application	Above 10°C & below 45°C Temp.

