



Engineer Plus WAC-99

Waterproof Additive for Cement

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.

Features & 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 & nitrates 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 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.

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Acrylic Sealer & Bonder

Technical Information

PROPERTIES	SPECIFICATION	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.

PACKING



10LTR



20LTR

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