



LayCrete

Underwater Concrete Admixture

PRODUCT DESCRIPTION: LayCrete is a powder admixture for under water concrete pour. It minimizes washout of the freshly placed concrete and enhance the bond between concrete and embedded steel.

USES: LayCrete is used as water reducing and anti-washout admixture for portland cement concrete that is placed underwater. It is also used in reducing bleed or segregation in fresh concrete and making a highly stable concrete that is highly responsive, when sheared or vibrated.

ADVANTAGES: Produces a fresh concrete that is fluid but highly resistant to washout or dilution from surrounding water or slurries. Increases the workability of the concrete, and prevents separation of its aggregates. Results in longer slump time without extended delays in setting time. Increased bond strengths and reduces bleeding within fresh concrete.

LIMITATIONS: Do not overdose otherwise the strength of the cured product will suffer. Do not add to wet product.

Dosage: The amount needed depends on the degree of water repellency needed. As a suggestion add 400 to 900 grams per 100 kg of cement.

MIXING: Gradually Add LayCrete to dry material in mixing container and stir. Add little water then allow material to slake for one minute then remix. Add more water slowly to adjust consistency. Initial setting time is delayed by 2 hours.

COMPOSITIONS AND MATERIALS: Modified Sulfonates and special polymers.

PACKAGING: Packaged in 5 kg polybags.

PRECAUTIONS: Wear a dust mask when handling this product.

STORAGE LIFE: Two years if stored in cool, dry location.

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